

Statement of Rainfall in Bengal for the week ending Friday (6 p.m.), the 26th December 1884—concluded.

District.	Station.	RAINFALL.							TOTAL.		Total rain-fall from 1st to 26th December 1884.	Average total rain-fall from 1st to 26th December.	Total rain-fall since 15th May 1884.	Average rainfall from 15th May to date.
		Saturday, 20th December.	Sunday, 21st December.	Monday, 22nd December.	Tuesday, 23rd December.	Wednesday, 24th December.	Thursday, 25th December.	Friday, 26th December.	Number of rainy days.	Rainfall in inch.				
RAI	Pubna	Pubna				0'00			1	0'00	0'00	0'10	42'43	54'06
	Serajungo								Nil	Nil	Nil	0'11	40'13	52'50
	Hogra	Sherpore							Nil	Nil	Nil	0'25	37'23	61'87
	Nowkhilla								Nil	Nil	Nil	0'16	38'10	55'23
RAJSHAHY	Bogra								Nil	Nil	Nil	0'09	37'98	61'23
	Pauchibibi								Nil	Nil	0'23	0'23	40'20	53'46
	Beaulah				0'02				1	0'02	0'02	0'11	34'01	53'03
	Natore								Nil	Nil	Nil	0'13	36'16	55'54
MALDAH	Nowgong								Nil	Nil	Nil	?	41'88	?
	Maldah								Nil	Nil	Nil	0'17	33'81	50'61
	Dinapore	Mohadebpo							Nil	Nil	Nil	0'25	33'98	58'99
	Churamon								Nil	Nil	Nil	0'21	41'31	49'88
RAJSHAHY	Raigunge								Nil	Nil	Nil	0'17	42'29	54'58
	Dinapore								Nil	Nil	0'05	0'07	34'13	62'90
	Baloorghat								Nil	Nil	Nil	?	37'72	?
	Raigunge	Bhawungunge							Nil	Nil	Nil	0'17	43'37	62'83
RAJSHAHY	(Gyabanda)								Nil	Nil	Nil	0'07	50'37	74'33
	Raigunge								Nil	Nil	Nil	0'08	48'87	74'23
	Bagdogra								Nil	Nil	Nil	0'00	48'99	90'03
	(Niphamari)								Nil	Nil	Nil	0'07	101'56	116'03
JALPAIGUR	Jalpaigore								Nil	Nil	Nil	0'07	101'56	116'03
	Cooch Behar	Dinhat							Nil	Nil	Nil	0'08	81'38	99'18
	Cooch Behar								Nil	Nil	Nil	0'10	119'02	115'50
	Miekligunge								Nil	Nil	Nil	0'28	84'74	110'02
DARJEELING	Maidbhanga								Nil	Nil	Nil	0'19	86'05	120'01
	Buxa		0'40						1	0'40	0'40	0'34	131'49	196'46
	Siliguri								Nil	Nil	Nil	?	85'43	?
	Darjeeling								Nil	Nil	0'18	?	64'70	108'12
PURNIA	Kampong								Nil	Nil	Nil	0'07	65'75	67
	Kissengunge								Nil	Nil	Nil	0'06	51'02	62
	Arrah								Nil	Nil	Nil	0'14	46'39	60
	Purnea								Nil	Nil	Nil	0'01	37'86	4
NORTH BHAGULPORE	Madhapore								Nil	Nil	Nil	0'04	29'29	45
	Sooopool								Nil	Nil	Nil	0'01	31'77	40
	Tajpore								Nil	Nil	Nil	0'02	30'33	4
	Durbhunga								Nil	Nil	Nil	0'01	41'02	4
MOAUFERPORE	asudhubani								Nil	Nil	Nil	0'01	30'03	33'43
	Sitamarhi								Nil	Nil	Nil	0'07	34'08	34'08
	Mozufferpore								Nil	Nil	Nil	0'03	41'61	44'53
	Hajipore								Nil	Nil	Nil	0'03	41'61	44'53
CHUMPARAN	Motihari								Nil	Nil	Nil	0'01	39'36	28'75
	Bettian								Nil	Nil	Nil	0'07	32'28	32'28
	Saran	Gopalgunge							Nil	Nil	Nil	0'01	28'79	31'27
	Sewan								Nil	Nil	Nil	0'06	28'94	34'04
SHAHABAD	Chuprah								Nil	Nil	Nil	0'07	24'21	24'21
	Buxar								Nil	Nil	Nil	0'07	28'79	31'27
	Deoria								Nil	Nil	Nil	0'06	28'94	34'04
	Bhutooh								Nil	Nil	Nil	0'07	24'21	24'21
GYA	Sasseram								Nil	Nil	Nil	0'07	28'79	31'27
	Arrah								Nil	Nil	Nil	0'07	28'79	31'27
	Aurangabad								Nil	Nil	Nil	0'05	23'06	23'06
	Gya								Nil	Nil	Nil	0'05	23'06	23'06
PATNA	Nowadah								Nil	Nil	Nil	0'07	21'52	21'52
	Jehanabad								Nil	Nil	Nil	Nil	?	?
	Patna								Nil	Nil	Nil	0'02	29'84	30'25
	Dinapore								Nil	Nil	Nil	0'03	19'06	19'06
MONKHYR	Behar								Nil	Nil	Nil	0'01	31'53	31'53
	Barru								Nil	Nil	Nil	0'01	25'30	25'30
	Begoeserai								Nil	Nil	Nil	0'01	31'59	31'59
	Monkhyr								Nil	Nil	Nil	0'01	35'70	35'70
SOUTH BHAGULPORE	Jamui								Nil	Nil	Nil	0'01	35'70	35'70
	Bhagulpore								Nil	Nil	Nil	0'01	35'70	35'70
	Banka								Nil	Nil	Nil	0'01	35'70	35'70
	Banka								Nil	Nil	Nil	0'01	35'70	35'70
SOUTHAL PERENNIALS	Rajmehal								Nil	Nil	Nil	0'06	32'47	32'47
	Gouda								Nil	Nil	Nil	0'10	25'11	25'11
	Pakour								Nil	Nil	Nil	0'05	31'52	31'52
	Nya Doonks								Nil	Nil	Nil	0'05	31'52	31'52
JALPAIGUR	Deognar				0'02				1	0'02	0'02	0'10	38'28	38'28
	Jamtara								Nil	Nil	Nil	0'03	38'28	38'28
	Jamtara								Nil	Nil	Nil	0'10	38'28	38'28
	Jamtara								Nil	Nil	Nil	0'10	38'28	38'28
HAZARIBAGH	Pachamba								Nil	Nil	Nil	0'07	38'28	38'28
	Hazaribagh								Nil	Nil	Nil	0'07	38'28	38'28
	Hazaribagh								Nil	Nil	Nil	0'07	38'28	38'28
	Hazaribagh								Nil	Nil	Nil	0'07	38'28	38'28
CHARDUGGA	Lehardugga				0'04				1	0'04	0'04	?	40	40
	Lehardugga				0'12				1	0'12	0'12	?	50	50
	Lehardugga				0'12				1	0'12	0'12	?	50	50
	Lehardugga				0'12				1	0'12	0'12	?	50	50
CHARDUGGA	Lehardugga				0'12				1	0'12	0'12	?	50	50
	Lehardugga				0'12				1	0'12	0'12	?	50	50
	Lehardugga				0'12				1	0'12	0'12	?	50	50
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CHARDUGGA	Lehardugga				0'12				1	0'12	0'12	?	50	50
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CHARDUGGA	Lehardugga				0'12				1	0'12	0'12	?	50	50
	Lehardugga				0'12				1	0'12	0'12	?	50	50
	Lehardugga				0'12				1	0'12	0'12	?	50	50
	Lehardugga				0'12				1	0'12	0'12	?	50	50
CHARDUGGA	Lehardugga				0'12				1	0'12	0'12	?	50	50
	Lehardugga				0'12				1	0'12	0'12	?	50	50
	Lehardugga				0'12				1	0'12	0'12	?	50	50
	Lehardugga				0'12				1	0'12	0'12	?	50	50
CHARDUGGA	Lehardugga				0'12				1	0'12	0'12	?	50	50
	Lehardugga				0'12				1	0'12	0'12	?	50	50
	Lehardugga				0'12				1	0'12	0'12	?	50	50
	Lehardugga				0'12				1	0'12	0'12	?	50	50
CHARDUGGA	Lehardugga				0'12				1	0'12	0'12	?	50	50

SUMMARY OF THE METEOROLOGICAL AND RAINFALL OBSERVATIONS
TAKEN IN BENGAL FOR THE WEEK ENDING THE 26TH DECEMBER
1884.

At the close of the previous week, a small cyclonic storm, which had generated in the south of the Bay, had passed across the Southern Madras coast, and, with the inrush of moist winds following in its path, had given very heavy rainfall over the south of the Peninsula. The strong monsoon thus blowing on the Madras coast had rather intensified the north-east monsoon conditions in Bengal, and at the commencement of the present week, all the conditions were favourable for the continuance of the previous well defined characters of the present cold weather, which has hitherto been marked by abnormally low temperatures, especially at night, and extremely high barometric pressure.

On the first day in the week (the 20th) pressure increased very rapidly in Bengal, and it was then extremely high, but at the same time rainfall and wind velocities commenced to decrease on the Madras coast, showing that the strength of the monsoon was decreasing, and on the 21st a rapid fall of the barometer commenced in Bengal, which was attended by a corresponding increase of temperature. The falling barometer and increasing temperature continued on the 22nd, 23rd and 24th, and from well understood causes during this period of falling barometer, skies clouded over, particularly in Orissa, and also in South-West Bengal and in Chutia Nagpur, and light rain was reported on the 23rd and 24th from most of the stations in Orissa, and at a few stations in South-West Bengal, North Bengal and Chutia Nagpur. The rapid fall of the barometer was, however, succeeded on the 25th by a partial recovery, which was followed again on the 26th by a further decrease of pressure. The changes of temperature during these two days were small and variable, but with the increase of pressure noted on the 25th, skies again cleared and rain ceased to fall.

Pressure—Was, as noticed above, very high, and indeed far above the normal at the commencement of the week under review, but it then experienced a steady fall for four days, succeeded by a slight rise, and then another fall. The mean for the week has therefore not been far removed from the normal pressure, and for the whole Province there has been only the slight excess of 0.01". The excess was, however, greatest, as has previously been the case, in Behar, and least in South-West Bengal and Orissa. The extreme variations from the mean pressure were an excess of 0.035" at Durbhanga, and a defect of 0.013" at False Point. This comparatively large excess pressure in Behar has been a prominent feature in the meteorology of Bengal for the past few weeks.

Temperature—Was in the previous week almost equal to the normal, but as pointed out before, for four days in the week, at almost all stations temperature steadily increased, so that the mean for the week has, in most cases, been decidedly in excess of the normal. Thus Calcutta and a great part of South-West Bengal show an excess of between 2° and 3°, while the average excess for the whole province was about 1°. The increase in temperature has again been most marked in the night temperatures, and the following table, which gives the actual and normal mean maximum and minimum temperatures at eight stations, shows clearly that, while the day temperatures in Bengal have on the average been almost exactly normal for the past week, the night temperatures have averaged 2.8° in excess of the normal:—

For the week ending 26th December 1884.

STATIONS.	MAXIMUM DAY TEMPERATURES.			MINIMUM NIGHT TEMPERATURES.		
	Normal averages for week.	Actual averages for week.	Difference.	Normal averages for week.	Actual averages for week.	Difference.
Cuttack	82.4	79.7	-2.7	55.6	60.1	+3.5
Calcutta	74.7	75.9	+1.2	52.4	56.1	+3.7
Burdwan	76.5	77.4	+0.9	52.5	56.6	+4.1
Jessore	77.1	77.3	+0.2	51.8	53.8	+2.0
Dacca	77.4	77.5	+0.1	54.9	55.5	+0.6
Patna	72.9	72.8	-0.1	47.9	53.1	+5.2
Purneah	75.5	76.6	+1.1	47.8	46.5	-1.3
Hazaribagh	71.5	70.7	-0.8	48.2	52.9	+4.7

Rainfall—Was practically confined to the two days, the 23rd and 24th, and was general at the Orissa stations, while it also occurred at a few stations in South-West and North Bengal and in Chutia Nagpur. The atmosphere over Northern India was generally disturbed on these two days, and light rain fell in the Punjab, North-Western Provinces, and Central Provinces, though not perhaps in such large amounts as usual. The rainfall in Orissa, in no instance, amounted to more than a few tenths of an inch, the largest falls occurring in the Pooree and Cuttack districts. The average rainfall over the whole of Orissa only amounted to 0.27 inch, while the maximum amount received appears to have been at Jagatsingapore, which reported 0.82 inch in the two days. The rainfalls in the other dis-

districts were quite unimportant, and the average amount recorded in Chutia Nagpur was only 0.04 inch, and 0.01 inch in South-West and North Bengal:—

The following table gives the summary of the temperature and rainfall data of each of the seven meteorological divisions of the Province for the week ending Friday, the 26th of December 1884:—

METEOROLOGICAL DIVISIONS.	TEMPERATURE.						RAINFALL.									
	Highest observed during week.	Lowest observed during week.	Averages for week.			Average mean of week above or below normal mean of week.	Of week.			Rainy days.			Since 1st of month.		Since 15th May.	
			Of highest of each day.	Of lowest of each day.	Of mean for each day.		Average.	Normal average.	Variation.	Average number in week.	Normal average number in week.	Variation.	Average.	Normal average.	Average.	Normal average.
Orissa	82.3	50.5	77.3	55.5	67.0	+1.1	0.27	Nil	+0.27	1.2	0.6	+1.2	0.27	0.38	52.06	54.46
South-West Bengal ...	82.3	51.0	76.5	56.0	66.3	+1.7	0.01	0.01	0	0.2	0.1	+0.1	0.01	0.22	44.52	51.32
East Bengal*	79.3	46.1	76.6	53.5	65.1	+0.1	Nil	0.02	-0.02	0.0	0.2	-0.2	Nil	0.42	65.46	75.90
North Bengal	77.7	48.0	75.8	52.0	63.7	—	0.01	Nil	+0.01	0.1	0.0	+0.1	0.02	0.16	53.19	72.60
North Behar	77.2	41.5	74.3	49.3	61.8	+0.8	Nil	0.01	-0.01	0.0	0.1	-0.1	Nil	0.04	39.10	47.17
South Behar	79.0	43.1	74.5	51.7	63.1	+1.0	Nil	0.02	-0.02	0.0	0.1	-0.1	Nil	0.05	30.37	43.57
Chutia Nagpur	74.0†	49.4†	70.5†	51.7†	61.1†	+1.9†	0.04	0.01	+0.03	0.4	0.1	+0.3	0.04	0.11	36.53	47.42

* Burrial not included.
† Chyebassa not included.

METEOROLOGICAL OFFICE, BENGAL;

ALEXANDER PEDLER,

The 30th December 1884.

Offg. Meteorological Reporter to the Govt. of Bengal.

Results of the Thermometrical Observations taken at the Meteorological Office,
Chowringhee, from 21st to 27th December 1884.

MONTH.	Date.	TEMPERATURE.				Mean wet bulb.	HYGROMETRY.			Rain.
		Mean.	Maximum.	Range.	Minimum.		Vapour tension.	Dew point.	Humidity.	
		°	°	°	°	°	Inches.	°	%	Inches.
December	21st	65.5	77.1	22.2	54.9	60.4	.459	56.5	73	Nil
"	22nd	66.1	77.7	23.5	54.2	60.9	.467	57.0	72	"
"	23rd	65.7	75.7	18.2	57.5	61.6	.495	58.6	78	"
"	24th	66.2	77.4	21.0	56.4	61.2	.475	57.5	73	"
"	25th	69.2	80.9	21.9	59.0	64.2	.535	60.8	75	"
"	26th	68.6	78.0	17.6	60.4	62.8	.497	58.8	71	"
"	27th	67.3	76.9	18.2	58.7	61.0	.454	56.2	68	"

The mean temperature of the seven days ... 66.9

The extreme variation of temperature ... 26.7

The maximum temperature ... 80.9

The mean relative humidity ... 73

The total fall of rain from 21st to 27th December 1884 ... Nil

The mean temperature and humidity are obtained by applying to the mean of the 10h, 16h and minimum readings a correction dependent on the range, and derived from the hourly observations at the Surveyor-General's Office, Chowringhee, in past years.

METEOROLOGICAL OFFICE, INDIA;
Calcutta, the 29th December 1884.

W. L. DALLAS.
for Meteorological Reporter to the Govt. of India.

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FROM

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SUPPLEMENT TO The Calcutta Gazette.

WEDNESDAY, JULY 2, 1884.

OFFICIAL PAPERS.

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RESOLUTION ON THE REPORT OF THE SUPERINTENDENT OF EMIGRATION ON INLAND EMIGRATION FOR THE YEAR 1883.

GENERAL DEPARTMENT—INLAND EMIGRATION.

Darjeeling, the 29th June 1884.

READ—

The Report on Inland Emigration for the year 1883.

The Report on Inland Emigration for the year 1883 has been punctually submitted by Dr. Grant, who was in charge of the office of Superintendent of Emigration throughout the year. As the system in force under the old Act continued to some extent during the year 1882, this is the first report showing the full effect of the changes introduced by the Inland Emigration Act I of 1882.

2. The rules and forms under the new Act, provisionally sanctioned by the Government notification of 24th February 1882, were reconsidered during 1883, and new rules and forms, with which those adopted in Assam agree, came into force on the 1st January 1884. Additional rules providing for house accommodation, food, water-supply, and sanitary arrangements at places of labour in the Chittagong Hill Tracts have since been considered and published for general information. In April 1883 the mortality from cholera among the natives living at Mugra station on the East Indian Railway for Kanchra Eastern Bengal Railway, attracted the attention of Government.

Dr. Grant submitted elaborate proposals for supplying emigrants *en route* Dhubri with cooked food, giving them rest at regular intervals and providing treatment for the sick. His suggestions, however, were not acceptable to the agencies engaged in emigration, and, besides being too expensive, were not acceptable to the Government. Arrangements are now being made for the medical examination and treatment at Mugra on the East Indian Railway, of garden-sardars' coolies detained there by sickness. The daily steam-service between Dhubri and Assam, mentioned in the Resolution on last year's report, was started on the 12th August 1883, but the boats did not begin to run regularly till the 1st October. The steamers intended for this line were fitted out under the supervision of the Superintendent of Emigration before leaving Calcutta for Dhubri.

3. It was at first proposed to place emigration from the North-Western Provinces and Oudh under the control of the Superintendent of Emigration in Calcutta, and Dr. Grant was formally appointed Superintendent of Emigration for those Provinces. There were, however, practical difficulties in the working of certain sections of the Act by an officer resident in Calcutta, and the appointment has therefore been cancelled, the North-Western Provinces Government being left to appoint its own Superintendent. Separate arrangements are being made for the administration, by the Governments of the North-Western Provinces and Oudh and Assam, of those portions of the Labour Transport Fund which are raised within their respective jurisdictions. A question is still pending as to the division of the balance now at credit of the fund between Bengal and Assam.

4. Two distinct agencies for recruiting emigrants and forwarding to their destination under the provisions of the law were in operation during 1883—(a) recruiters supervised by contractors, and (b) garden-sardars working for the most part under the local agents as recognized by the Act of 1881. In addition to these two agencies working within the Emigration Act, there was also a third system operating outside it, under which unlicensed recruiters free emigrants collect labourers in the recruiting districts and take them to Assam without registration or other assistance from Government. In some cases such recruiters are supervised in the recruiting districts by European Agents in the employ of various Tea Companies who occupy the same position as local agents under the Act, except that they hold no license from Government.

5. The results of the recruiting carried on by the first two agencies may be stated as follows:—

(a)—473 recruiters, working under eight contractors, registered in the recruiting districts 9,876 emigrants and dependents; of whom 7,540 were intended for transmission *via* Calcutta to Assam, Cachar, and Sylhet, and 2,336 were sent to Cachar and Sylhet only *via* Goalundo.

(b)—2,897 garden-sardars, of whom 2,082 were under the control of 46 local agents, registered 5,291 emigrants for transport to the tea districts by routes other than Dhubri, and 6,791 for transport *via* Dhubri—in all 12,082.

Thus it will be seen that the two agencies authorized under the law collected in all 21,958 emigrants for transmission to the tea districts. A comparison of the work done by each shows that on an average every recruiter collected and registered 20.87 emigrants, while the average for garden-sardars is only 4.16. The ordinary explanation is—that the recruiter is a professional whose only object is to collect as many coolies as possible, without reference to their fitness for work in Assam, or any considerations beyond their willingness to emigrate. The garden-sardar, on the other hand, has mostly worked on a tea-garden himself, and belongs to the same class as the persons whom he recruits. He is inferior in persuasive power and in capacity to the recruiter, nor does he as a rule command the assistance of unlicensed village touts known as *arkatis*, from whom the recruiter obtains a large proportion of his supply. Sometimes, indeed, he collects at all, or disposes of those he has collected to the nearest recruiter. At the same time the comparatively small results of an individual

opposed on the whole to be compensated by the superior quality of the recruits, who in many instances are relatives or fellow-own.

As the 21,958 emigrants recruited and registered by the two agencies referred to above, 10,096 free emigrants were despatched from Assam Proper. Of these, 9,389 executed local contracts at Dhubri proceeding to the district in which their employment lies, while only 707 went to the tea gardens with the intention of making terms for themselves. Information is available regarding the numbers of free emigrants who went to the tea gardens, or who made their way to Assam Proper by any route than Dhubri. It is believed, however, that the number of free emigrants sent to the tea districts during the year largely exceeds the number mentioned in this report as having passed through Dhubri.

In comparing the results of sardars' and recruiters' operations, Dr Grant has prepared the following table showing the statistics of each class of coolies for the three years, exclusive of the Dhubri route:—

Year.	Contractors' coolies.	Sardars' coolies.	Total.	Percentage of sardars' to contractors' coolies.
1881	6,415	2,379	8,794	37.0
1882	7,995	2,907	10,902	36.3
1883	9,876	5,291	15,167	54.59

Dr Grant draws attention to the increased percentage of sardari coolies and the number of licensed garden-sardars from 1,721 in 1880 to 2,897 in 1883, and concludes by remarking that "the larger number of sardars received recruiting certificates during the year must have given a decided impulse to sardars' recruitment and probably also to free emigration." An increase in the number of garden-sardars licensed under the Act cannot have retarded free emigration unless such sardars were employed to recruit free emigrants. This, however, they cannot legally do so long as they retain their licenses. It was the intention of the Act and the rules framed under it that recruitment by licensed agencies should be kept wholly separate from recruitment by unlicensed agencies. If licensed garden-sardars have, under the cover of their licenses, removed emigrants from their districts without registration, they have committed a distinct breach of the law. The Lieutenant-Governor is under the impression that such a practice does prevail to some extent, and this impression is strengthened by what he has read in the Report of the Assam Administration on the working of the Act during 1883. The question thus arises—should the practice be brought into harmony with the law, or should the law be altered to suit the practice? If the practice grows still further, and is not accompanied by any serious abuses, it is questionable whether any alteration in the law would be satisfactory, short of its repeal. When an Inland Emigration Act was first placed on the Statute-book, the intention was to protect the emigrant; but with the growing prevalence of "free" emigration, the retention of such an Act would serve as a protection, not so much to the emigrant as to the planter. The Lieutenant-Governor does not at the present moment assert that the planter stands in need of no protection; but he is disposed to the view that, with the rapid development of easy means of communication between Assam and Bengal, the justification for any special emigration law is disappearing. And Mr. Rivers Thompson is the more inclined to this view, when he considers that the present law seems to admit of being largely evaded mainly in the interests of the parties who stand least in want of special protection. The time, in the Lieutenant-Governor's opinion, cannot be far distant when labour in Assam must be regulated by the ordinary contract law.

A point in connection with free emigration, upon which further information is desired, is the nature of the authority given by employers to subordinate agents who collect free emigrants. No doubt, a written authority of some kind must be given to such persons, but it is understood that in some cases this consists of a printed form not readily distinguishable from the license granted to garden-sardars under the Act. In such a somewhat similar case of a licensed garden-sardar employed to recruit free emigrants, the semblance of legal authority is used to enable him to emigrate without the safeguard afforded by registration. It is desirable to treat all such cases with severity, for the radical change which is being worked out in the

emigration laws. It is the Lieutenant-Governor's hope that the time for this may shortly come. Meanwhile good may be done by a free interchange of communications between Assam and Bengal district officers, and thorough inspections in the labour districts.

10. Seven recruiters' licenses were cancelled during the year for misconduct, being 1·47 per cent. of the total number of such licenses granted. The percentage of licenses cancelled in 1882 was 2·61. The number of licenses granted to local agents was less by two than in 1882, but each of them had on an average 45·26 sardars under him as against 22·17 in that year. This shows that employers of labour approve of the system, while the absence of complaints from district officers seems to indicate that it has worked well. Most of the agents are men of education and intelligence, who are in a position to understand their responsibilities under the Act, and who are interested in retaining appointments which possess a substantial value. Only one garden-sardar's license was cancelled for misconduct. This, however, can hardly be taken as a test of the behaviour of garden-sardars generally. Their operations come less directly under the notice of the district officers than those of recruiters, while the people generally are less ready to complain against men of their own village and caste than against the up-country men usually selected as recruiters.

11. In paragraph 4 of the Resolution on the Report for 1882, the Superintendent of Emigration was requested to furnish details of the localities which supply the emigrants of the year. Dr. Grant, however, appears to have found some difficulty in ascertaining the district of *residence* as contradistinguished from that of *registration*, and his difficulty is explained by the fact that at certain seasons people leave their homes for work in other districts, and, not finding it to their satisfaction, emigrate. It is well; however, that the attempt to ascertain the districts which supply emigrants to the labour districts should be persevered in as far as practicable.

12. Of the 7,540 emigrants registered for transmission to Assam through the Calcutta depôts, only 6,993 reached Calcutta. This considerable reduction in numbers is thus accounted for —

<i>At Mofussil Depôts.</i>				
Detained	...	...	...	220
Discharged	...	...	...	56
Deserted	...	...	...	175
Died	...	...	...	1
Total				452 or 5·97 per cent.
<i>On journey to Calcutta.</i>				
Detained	..	..	..	4
Deserted	..	..	..	116
Died	..	..	..	2
Total				122 or 1·61 per cent.

Taking both set of depôts together, the total reduction comes to 574, or 7·61 per cent. on the number registered. The corresponding figures for 1882 are 150, or 2·34 per cent. on the number registered. It is true that detention in the mofussil depôts accounts for a large proportion of the increase; but, even after allowing for this, the fact remains that the percentage of desertion has risen both in mofussil and in Calcutta depôts. Including 251 emigrants left over from last year, and two born in depôt, the total number of emigrants accommodated at the depôts during the year was 7,246. Of these, 58 were rejected, 372 were discharged, 436 deserted, 3 died of cholera and 6 from other causes, making a total of 875 casualties. Of the remainder, numbering 6,371, 6,028 were despatched to Goalundo, leaving 343 in depôt at the close of the year. The death-rate was only 1·2 per thousand of the total number admitted into depôt. The percentages of desertions and discharges are slightly less than in 1882. In accordance with the instructions given in paragraph 5 of the Resolution on last year's Report, the Superintendent has made personal enquiries into this question. He assumes that the same motives account for desertions as discharges, and this may very likely be the case. Change of mind, change of circumstances, considerations of caste or neighbourhood, ignorance of the distance to be travelled, fraud by the recruiter

false pretences on the part of the emigrant himself—all these causes go to account for the desertions and discharges which reduce the number of emigrants registered in any given year. Nothing more definite than this can be said.

13. Out of 2,336 emigrants registered for transmission from the recruiting districts to Cachar and Sylhet by way of Goalundo, only 1,994 arrived, 17 were left behind, 19 died, and 306 or 13·09 deserted. No explanation is offered of this very large proportion of desertions. The Superintendent should ascertain and report whether the contractor, Baboo A. T. Mookerjee, can assign any reason for a circumstance which *prima facie* throws discredit upon his recruiting operations. The number of emigrants despatched from Calcutta and accommodated in the Goalundo depôts was 8,042. Deducting 51 desertions, 14 deaths, and 13 released from their engagements, there remained 7,964 emigrants to be despatched to the labour districts. Of these, 7,897 were actually shipped, leaving 67 in depôt at the close of the year. Besides these, 548 sardars' emigrants embarked for Assam in steamers without having passed through the contractors' depôts.

14. Including the 548 sardars' coolies noticed above, 8,445 emigrants and dependents embarked at Goalundo during the year. Of these, 3,908 were conveyed by the steamers to Assam Proper and 4,537 to Cachar and Sylhet by country-boats. The average length of the steamer passages was 17 days, and the average number of passengers 78. Of 50 trips made, 46 were free from cholera. There were 16 deaths—13 from cholera and 3 from other causes. The accommodation, fittings ventilation, and water-supply of the vessels have been favourably reported on throughout the year.

15. Among the 4,537 emigrants embarked for Cachar and Sylhet in 303 country-boats, carrying an average of 14·97 emigrants apiece, 43 deaths occurred—36 from cholera and 7 from other causes. The death-rate was less than in 1882, and the decrease is attributed by Dr. Richards, the Superintendent of Emigration at Goalundo, to the almost total absence of cholera along the route to Cachar and Sylhet.

16. The statistics of emigration *via* Dhubri direct, given by Dr. Grant in section IV of the Report, were supplied by the Deputy Commissioner of Goalpara and correspond with those entered in the Annual Report on Immigration *via* Dhubri for the year 1883, a copy of which has been forwarded to this Government by the Assam Administration. It appears that 17,106 labourers and their dependents left the recruiting districts for Dhubri, and that 16,983, comprising 6,791 sardars' coolies registered under the Act and 10,192 free emigrants, reached their destination. After allowing for deductions and additions at Dhubri and on the journey to the tea districts, 16,723 actually arrived at the gardens out of a total of 16,865 despatched from Dhubri.

17. On summing up the results of the year's operations, it will be found that 9,876 recruiters' coolies and their dependents were registered during the year. Adding 300 for births and for emigrants remaining on from the previous year, the number available for Assam rises to 10,176. After deducting 1,991, or 19·56 per cent., for casualties, there remain 7,775 who actually reached the tea districts, of whom 3,345 went to Assam, 2,692 to Sylhet, and 1,738 to Cachar. For sardars' coolies equally precise figures are not available. It can only be said that 5,291 emigrants of this class were registered for transmission by routes other than Dhubri, and that 6,791 actually arrived at Dhubri—in all 12,082. Besides these, 10,192 free emigrants reached Dhubri through agencies working outside the emigration law. After despatch from Dhubri, no separate record of sardari and free emigrants appears to be available. Taking both together, 16,983 reached Dhubri, 16,865 were despatched from Dhubri, and 16,723 arrived at their destination in the tea districts. On the whole, it is clear that the Act of 1882 has given a remarkable impulse to emigration, and in particular to the sardari and free systems, in which the amount of assistance rendered by Government to the emigrant, or the amount of control exercised by Government over the recruiter, is reduced to a minimum. If the present rate of progress is maintained for a few years, it will, in Mr. Rivers Thompson's opinion, be a subject for consideration whether the time will not have come for Government to withdraw from all legislative interference with the labour supply of Assam.

By order of the Lieutenant-Governor of Bengal.

A. P. MacDONNELL

Offg. Secretary to the Govt. of Bengal.

Rainfall, Weather, and State and Prospects of the Crops.

Statement showing Rainfall, Weather, and State and Prospects of the Crops in the different Districts of Bengal, as reported to Government during the week ending the 28th June 1884.

No.	District, and date of return.	Rainfall at Sadler Station in inches.	Character of the weather, state and prospects of the crops, and state of health at date
BENGAL.			
<i>Western Districts.</i>			
BUDDHAN DIV.	1 Burdwan, June 28 '84	1.49	Weather—dry, except in Cutwa. Agricultural operations going on favourably. Prospects of crops good.
	2 Culna	2.18	
	3 Cutwa	6.16	
	4 Raneebunge	1.40	
	5 Bankoora, " 28 '84	5.09	Weather—cloudy and sunny alternately, and oppressive in the intervals of rain. Cotton begun to be reaped, and an outturn of 12 annas expected. Coarse rice selling at from 16 to 24 seers per rupee. The rainfall was general, but more rain wanted. Prospects of crops good. Some paddy being transplanted. Health good.
	6 Bishenpore	1.87	
	7 Maliana	0.37	
	8 Khattria	2.84	
	9 Beerbhoom, " 28 "	1.55	Weather—hot, with occasional showers of rain. Sowing of <i>aus</i> and <i>amun</i> paddy going on. More rain wanted. Prices stationary. General health satisfactory.
	10 Rampore Hatt	.88	
PRESIDENCY DIV.	11 Midnapore, " 28 "	1.06	Weather—sultry, with occasional rain. Cultivation of paddy going on. <i>Til</i> being reaped. Cholera still prevalent at the Egra, Pottashpore, and Bhugwanpore stations.
	12 Hooghly, " 28 "	1.11	Weather—showery. Prospects of crops favourable. The rainfall has been simply sufficient to remove all present wants.
	13 Serampore	2.65	
	14 Jehanabad	1.77	
	15 Howrah, " 30 "	2.03	Weather—seasonable; heavy showers of rain with intervals of sunshine. Jute, sugarcane and early paddy thriving. Late paddy being transplanted. Prices stationary. Public health remarkably good.
	16 Ooloberiah	2.68	
	17 Central Districts		
	18 24 Pergunnahs, June 30 '84	3.07	Weather—rainy and cloudy. Prospects of standing crops good. Sowing of <i>amun</i> going on. Early paddy, jute, and sugarcane, doing well. Public health generally good.
	19 Nuddon, " 28 "	1.52	Weather—cloudy, sultry, and rainy. Standing crops promising. Fever continues. Cholera abated.
	20 Kooshtea	3.28	
RAJSHAHY DIV.	21 Choudanga	2.84	
	22 Meherpore	0.63	
	23 Ranaghat	2.68	
	24 Khoolna, " 28 "	8.29	Weather—very heavy rain fell during the week. <i>Amun</i> being transplanted where there is not much water.
	25 Jessore, " 28 "	1.61	Weather—rainy in the beginning of the week, latterly hot. The rice crop on low lands has suffered from heavy rain, on high lands it is doing well. Health good.
	26 Magoorah	5.68	
	27 Narail	2.62	
	28 Bongong	1.15	
	29 Moorsheadabad, " 28 "	1.25	Weather—clear and hot. Prospects of crops still good, but <i>amun</i> seedlings want more rain, and the rainfall was insufficient for the time of the year. Public health good. Prices almost stationary.
	30 Dinagepore, June 27 '84	3.02	Weather—rain and heat alternately. Prospects of crops excellent. Transplanting of paddy going on vigorously, and sowing of jute favourably.
DACKA DIV.	31 Rajshahye, " 28 "	2.63	Weather—hot and cloudy with occasional showers of rain. Prospects of standing crops continue generally good. Public health fair.
	32 Natore	6.50	
	33 Nowgong	4.22	
	34 Rangpore, " 28 "	5.00	Weather—very hot with occasional rain. Prospects of standing crops good. Transplanting of <i>amun</i> paddy commenced. Cholera not yet disappeared from the Nilphamuri sub-division; otherwise public health fair.
	35 G. ibanda	2.61	
	36 Kurigram	1.47	
	37 Nilphamuri	5.52	
	38 Bogra, " 28 "	8.07	Weather—there was an unusually heavy fall of rain amounting to six and a half inches on the night of 24th attended by a few very loud thunder-claps and much lightning. State and prospects of crops continue to be promising. Public health good.
	39 Pubna, " 28 "	3.09	Weather—close, notwithstanding the rain. State of standing crops continues very favourable. Prices rising slowly. Public health good.
	40 Darjeeling, " 28 "	7.64	Weather—heavy rain throughout the greater part of the week. Prospects of crops favourable in the Hills and Terai. Public health good.
EASTERN DISTRICTS.	41 Julpigoree, " 28 "	5.55	Weather—some heavy rain fell in the early part of the week, latterly hot and muggy. Prospects of standing crops, except jute, are well spoken of; jute is reported to be not doing well in some parts, especially in Alipore. Lands being prepared for <i>haimanti</i> . Public health good.
	42 Dacca, June 28 '84	6.30	Weather—hot and cloudy. Harvesting of <i>aus</i> paddy continues. Sowing of <i>roashia</i> paddy commenced. Prospects of crops good. Public health good.
	43 Manickgunge	7.93	
	44 Moonsheegunge	9.19	
	45 Furruckpore, " 28 "	3.88	Weather—seasonable. State and prospects of crops very good. Public health good.
	46 Goalundo	3.00	
	47 Madaripore	4.53	
	48 Backergunge, " 28 "	7.10	Weather—rainy. The recent fall of rain has done much good to cultivation of <i>amun</i> crops. Public health fair.
	49 Mymensingh, " 27 "	9.57	Weather—cool. Heavy rain fell on the night of the 23rd instant. <i>Amun</i> paddy being transplanted. Prospects of crops excellent.
	50 Jamshpore	4.11	
DACKA DIV.	51 Kishoregunge	5.88	
	52 Attra	1.39	
DACKA DIV.	53 Netrakona	8.05	

No.	District, and date of return.	Rainfall at Sudder Station in inches.	Character of the weather, state and prospects of the crops, and state of health at date.
BENGAL.—conold.			
Eastern Districts—conold.			
CHITTAGONG DIV.	22 Chittagong, June 30 '84	1.76	Weather—bright. Transplanting of <i>amun</i> continues. Early paddy progressing. Prices steady. Sporadic cases of cholera reported.
	23 Noakholly, " 26 "	5.47	Weather—cool, showers of rain almost every day. Prospects of <i>aus</i> crop good. <i>Satya</i> paddy is being gathered. Cultivation of <i>amun</i> progressing. Public health good.
	24 Tipperah, " 27 "	6.43	Weather—generally fair, with heavy rain. Prospects of crops everywhere good. Public health good.
	Brahmunberiah " " "	8.60	
	Chandpore " " "	3.56	
	25 Chittagong Hill Tracts, " 24 "	8.17	Weather—heavy rain fell throughout the week. Prospects of paddy and cotton in <i>jhums</i> good. Paddy being sown.
	Hill Tipperah " 25 "	5.22	Weather—rainy. Prospects of paddy fair. Sugarcane and jute doing well. Sowing in <i>jhums</i> nearly over. Public health good.
BEHAR.			
PATNA DIV.	26 Patna, June 28 '84	5.45	Weather—seasonable. Sowing of <i>bhadoi</i> crops going on. Standing crops doing well. More rain required for transplanting paddy. Public health good.
	Dinapore " " "	3.27	
	27 Gya, " 28 "	1.66	Weather—hot and overclouded; some rain fell on two or three days of the week. More rain wanted. Sowing of <i>bhadoi</i> and <i>makai</i> progressing in the Sudder and Jehanabad sub-divisions; but backward in Aurangabad and Nowada.
	28 Shahabad, " 28 "	1.56	Weather—moist and hot. Ploughing for rice crop is going on very favourably.
	Buxar " " "	1.84	
	29 Darbhanga, " 28 "	3.55	Weather—very hot. The rain has benefited paddy and <i>murwa</i> . Transplanting of paddy in some places commenced. Prices falling slightly. Public health good.
	Tajpur " " "	3.96	
	Madhubani " " "	3.94	
	30 Mozufferpore, " 28 "	5.15	Weather—cloudy and rainy; sometimes sultry. The rainfall of the week has been satisfactory. Prospects of crops favourable. Maize generally well above the ground. Paddy being transplanted. Small-pox nearly disappeared from the town of Mozufferpore.
	Sitamarhi " " "	4.74	
BHAGTPORE DIV.	Hajipore " " "	3.06	
	31 Sarun, " 28 "	2.84	Weather—rainy and sunny alternately. The recent rain has been general and of great benefit. Indigo and sugarcane doing well. Sowing of <i>bhadoi</i> crops going on, and those sown early coming on well. Sowing of paddy commenced. Prospects of crops generally much improved. Small-pox decreasing, but cases of cholera reported from the Sewan town, otherwise public health good.
	Sewan " " "	2.35	
	Gopalgunge " " "	4.49	
	32 Chumparun, " 28 "	3.61	Weather—hot and cloudy. Sufficient rain fell throughout the district and has been of very great benefit. Prospects of crops continue hopeful. Prices stationary. A few cases of fever and small-pox reported, otherwise public health good.
	33 Monghyr, June 28 '84	.94	Weather—exceedingly close and oppressive. Prospects of <i>bhadoi</i> crops continue very good. More rain is required for <i>aghani</i> crops. Prices steady. Public health fairly good.
	Beguserai " " "	1.26	
	Jamui " " "	2.61	
	34 Bhagulpore, " 28 "	3.98	Paddy and <i>rahur</i> being sown. Transplanting of <i>aghani</i> paddy going on. Prospects of crops hopeful. Prices stationary. Public health good. Cholera and small-pox abating.
	Soopole " " "	2.00	
ORISSA.	Muddehpooa " " "	2.24	
	35 Purneah, " 28 "	3.94	Weather—sultry and rainy. Prospects of crops very fair. Weeding progressing. Public health fair.
	36 Maldah, " 28 "	2.86	Weather—cloudy and warm, with occasional showers of rain. Prospects of standing crops continue good. More rain would be beneficial for sowing late paddy in the Barindra tract of the district; weeding progressing. Prices of food-grains steady. Public health generally good.
	37 Sonthal Perga, " 28 "	0.89	Weather—rain fell in the early part of the week. No rain at head-quarters for the past four days. Prospects of crops everywhere favourable. Indian-corn well forward, and sowing of paddy nearly complete. Paddy being rapidly sown, but more rain wanted for the growth of the crop. Cholera still prevalent in some parts.
	Deoghur " " "	1.79	
	Godda " " "	1.24	
	Rajmehal " " "	4.32	
	Jamtara " " "	1.65	
	Pakour " " "	2.58	
	38 Cuttack, June 27 '84	5.98	Weather—close and cloudy with showers of rain at times. <i>Sarad</i> crops germinating in some places, the young plants growing well. <i>Beal</i> being sown. Common rice selling at from 16 to 20 seers per rupee in the town and 18 to 24 seers in the interior. Sporadic cases of cholera reported; otherwise public health generally good.
ORISSA DIV.	39 Pooree, " 28 "	2.64	Weather—cloudy, with occasional showers. Sowing of <i>sarad</i> paddy continues in some places. Cotton being gathered. Common rice selling at an average price of 22 seers 3 chittacks per rupee. Several cases of cholera broken out among pilgrims.
	40 Balasore, " 27 "	9.64	Weather—rainy. State of young crops favourable. Ploughing and sowing of paddy in progress. Cholera still prevails in some parts of the Sorgh, Hazdehpore and Chandbali thanes; otherwise public health good.

No.	District, and date of return.	Rainfall at Sudder Station in inches.	Character of the weather, state and prospects of the crops, and state of health at date.
CHOTA NAGPORE.			
<i>South-West Frontier Agency.</i>			
41	Hazaribagh. June 27 '84	3.16	Weather—seasonable. Ploughing and sowing of paddy proceeding vigorously all over the district. Prices of food-grains continue high. Small-pox and cholera still continue in some parts, otherwise general health good.
42	Lohardugga. „ 28 „	2.52	Weather—rainy during the early part of the week, dry but cloudy towards the end. The rain at the beginning of the week facilitated sowing of paddy, but more rain wanted. Public health good.
	Palamow „ „	.44	
43	Singbhoom. „ 27 „	1.92	Weather—seasonable; sufficient rain fell generally. Ploughing and sowing of paddy being proceeded with vigorously. Paddy seedlings and other crops doing well. Public health good.
44	Manbhoom. „ 28 „	2.38	Weather—rain fell everywhere. Ploughing continues. Paddy seedlings doing well. Rice on high land, Indian-corn and other <i>bhadai</i> crops springing up. Coarse rice sold on the 28th instant in the Parulia market at 20 seers per rupee. Cholera appeared at Parulia, and both cholera and small-pox still continue in the interior.
	Govindpore „ „	1.08	

Published for general information.

CALCUTTA, STATISTICAL DEPT.,

The 1st July 1884.

E. N. BAKER,

Offg. Secy to the Govt. of Bengal.

Meteorological Report of the Province of Bengal.

METEOROLOGICAL DIVISION	DISTRICT.	Representative station.	STATION OBSERVATIONS.														Average humidity at 10 A. M.	Average cloud amount at 10 A. M. for week.
			AIR PRESSURE.			WIND.		TEMPERATURE.										
			Mean barometric height, 10 A. M.	Mean reduced to sea-level.	Variation from mean.	Prevailing direction.	Mean wind velocity.	Highest during week.	Lowest during week.	Mean maximum temperature.	Mean minimum temperature of week.	Mean daily temperature of week.	Variation from normal mean of week.	Mean 10 A. M. temperature.				
ORIGINAL.	Pooree	Gopalpore	29.611	29.601	—	S	705	84.6	78.8	84.3	80.2	82.3	—	83.1	81	7.1		
	False Point	29.617	29.638	+0.035	SW	338	92.0	76.6	87.9	78.4	83.2	—1.2	83.6	74	8.4			
	Cuttack	Cuttack	29.557	29.638	+0.012	NW	127	100.4	76.8	91.2	78.7	84.9	—1.8	87.0	66	8.3		
	Balasore	Balasore	29.562	29.621	—	SW	212	91.4	74.3	87.9	77.7	82.8	—	84.0	81	9.6		
SOUTH-WEST BENGAL.	South-West Midnapore	Saugor Island	29.594	29.620	+0.016	S & SSW	370	89.2	70.5	87.1	79.6	85.4	—1.9	84.5	84	8.9		
	South 24-Pargunnahs	Midnapore	29.473	29.623	—	S	111.4	91.3	75.3	80.3	77.4	83.4	—	85.7	74	6.6		
	24-Pargunnahs	Calcutta	29.596	29.618	—0.009	SW	80	90.0	74.2	86.9	77.0	81.9	—2.2	83.8	84	9.3		
	Howrah	Howrah	29.515	29.614	+0.016	SE	90	98.7	74.4	91.6	77.9	84.8	—0.8	85.0	73	8.3		
	Hooghly	Hooghly	29.515	29.614	+0.016	SE	90	98.7	74.4	91.6	77.9	84.8	—0.8	85.0	73	8.3		
	Burdwan	Burdwan	29.515	29.614	+0.016	SE	90	98.7	74.4	91.6	77.9	84.8	—0.8	85.0	73	8.3		
	Bankoora	Bankoora	29.515	29.614	+0.016	SE	90	98.7	74.4	91.6	77.9	84.8	—0.8	85.0	73	8.3		
	Beerbhoom	Raniganj	29.553	29.619	+0.030	SE & SW	111.2	95.0	74.9	92.1	75.1	83.6	—	83.0	71	7.1		
	West Burdwan	West Burdwan	29.553	29.619	+0.030	SSW	142.0	92.7	75.3	88.6	77.6	85.1	—2.7	84.1	83	9.3		
	Moorshedabad	Moorshedabad	29.553	29.619	+0.030	SSW	142.0	92.7	75.3	88.6	77.6	85.1	—2.7	84.1	83	9.3		
	Nuddea	Nuddea	29.553	29.619	+0.030	SSW	142.0	92.7	75.3	88.6	77.6	85.1	—2.7	84.1	83	9.3		
	Jessore	Jessore	29.600	29.634	+0.027	SSE	117	92.7	76.4	87.1	78.1	83.6	—1.9	82.8	88	9.1		
EAST BENGAL.	Khoolna	Khoolna	29.600	29.634	+0.027	SSE	117	92.7	76.4	87.1	78.1	83.6	—1.9	82.8	88	9.1		
	Chittagong	Chittagong	29.637	29.726	+0.053	SE	161	86.1	73.0	82.4	74.7	78.6	—3.2	81.0	85	7.0		
	Chittagong Hill Tracts	Demagiri	29.637	29.726	+0.053	SE	161	86.1	73.0	82.4	74.7	78.6	—3.2	81.0	85	7.0		
	Backergunge	Barrisal	29.646	—	—	S & SE	139.5	84.9	73.9	83.2	75.7	79.4	—	81.3	87	8.6		
	Noakholly	Noakholly	29.657	29.731	—	SSE	283.9	86.0	74.8	84.7	75.9	80.3	—	81.6	81	5.7		
	Furreedpore	Furreedpore	29.620	—	—	SSE	102.5	90.5	72.9	87.1	75.0	81.3	—	83.6	81	7.4		
	Dacca	Dacca	29.634	29.657	+0.048	SE	161	90.3	74.1	86.4	77.0	81.7	—1.7	84.3	87	5.0		
	Cominillah	Cominillah	29.638	29.674	—	E	130.5	89.4	75.8	80.3	76.6	81.5	—	82.1	82	6.7		
	Mymensingh	Mymensingh	29.591	—	—	SSE	144.2	91.2	69.6	80.3	76.6	81.2	—	80.9	91	9.0		
	Bogra and Pubna	Serajgunge	29.592	29.639	—	SE	134.9	89.6	68.7	80.0	74.8	80.4	—	81.7	84	8.3		
	Rajshahye	Rampore Beaulah	29.593	29.676	—	E	104.3	90.6	74.6	80.6	75.6	81.1	—	83.9	82	4.9		
	Dinagopore	Dinagopore	29.452	29.572	—	SE	130.3	91.1	75.1	89.2	76.8	83.0	—	82.7	86	5.9		
NORTH BENGAL.	Bungpore	Bungpore	29.529	29.654	—	SE & E	124.7	90.8	74.6	87.5	76.0	81.8	—	83.0	83	7.3		
	Julpigoree	Julpigoree	29.416	29.762	—	E	100.1	91.0	74.1	89.0	75.4	82.2	—	84.3	74	6.4		
	Cooch Behar	Cooch Behar	29.416	29.762	—	E	100.1	91.0	74.1	89.0	75.4	82.2	—	84.3	74	6.4		
	Darjeeling Hill Districts	Darjeeling	29.885	—	—	ENE	32	68.6	63.6	65.7	65.7	66.7	—	62.3	88	8.9		
	Purneah	Purneah	29.480	29.606	—0.005	Calm & E	51	92.2	74.8	90.6	76.2	83.8	—0.2	84.6	82	9.4		
	North Bhagulpore	North Bhagulpore	29.422	—	—	ESE	—	97.3	75.2	92.0	77.7	84.9	—	85.2	84	8.3		
	Mozufferpore	Mozufferpore	29.430	29.607	—0.006	ESE	144	93.0	76.0	90.4	78.7	84.5	0	83.9	85	6.6		
	Durbhunga	Durbhunga	29.351	29.377	—	SE	260.7	95.6	74.9	90.5	77.2	83.9	—	85.9	77	6.6		
	Chumpanun	Motihari	29.379	—	—	E	94.0	95.0	75.5	91.4	77.3	84.3	—	84.6	87	7.8		
	Saran	Ohreya	29.200	29.550	—	E	272.5	93.4	71.0	88.8	76.5	83.6	—	87.1	68	6.6		
	Shahabad	Buxar	29.311	29.551	—	ENE	221.7	95.4	74.8	87.0	77.4	82.2	—	84.6	78	8.4		
	Arrah	Arrah	29.352	29.545	—	Variable	148.8	93.4	75.6	89.0	77.9	83.6	—	83.7	82	4.6		
SOUTH BENGAL.	Gya	Gya	29.172	29.546	—0.034	Variable	—	97.7	72.3	93.8	75.6	84.7	—3.1	87.2	69	10.0		
	Patna	Bankipore	29.404	29.587	+0.012	SE	144	98.0	76.2	92.4	78.0	85.2	—2.8	83.9	82	8.0		
	South Bhagulpore	Bhagulpore	29.412	29.574	—	SE	90	91.4	75.0	89.3	77.6	83.5	—	85.0	79	4.9		
	Monghyr	Monghyr	29.412	29.574	—	E	—	93.6	74.3	89.2	77.9	83.5	—	84.8	86	7.9		
	South Pargunnahs	Doomka	29.088	—	—	SW	—	93.6	74.3	89.2	77.9	83.5	—	84.8	86	7.9		
	Hazaribagh	Hazaribagh	27.590	29.074	+0.001	—	225	88.0	71.7	85.3	73.6	79.4	—2.4	80.0	79	10.0		
	Lohardugga	Lohardugga	27.481	29.091	—	—	—	85.4	69.0	81.4	72.4	76.8	—	78.2	79	7.7		
	Manbhoom	Manbhoom	27.481	29.091	—	—	—	85.4	69.0	81.4	72.4	76.8	—	78.2	79	7.7		
	Singbloom	Chyabassa	28.819	—	—	SW	60.5	92.3	74.2	89.5	76.9	83.2	—	85.2	60	7.5		

Explanation of Summary.—The normal means of air pressure and temperature are the arithmetical averages or means of the readings during the season. The humidity of the atmosphere is expressed as a percentage, saturated air being represented by 100. A clear sky is denoted by 0 and an overcast sky by 100. The normal means of the rainfall are the numerical means or averages of the rainfall in that district determined from the returns sent in by the sub-divisions from the district, (i.e.) the total rainfall at the sub-divisional stations in the district sending in returns, divided by the number of stations. A rainy

for the week ending Friday, the 27th June 1884.

Rainfall of week at observing stations.	DISTRICT OBSERVATIONS.										Representative station.	DISTRICT.	METEOROLOGICAL DIVISION.
	RAINFALL.												
	Of week.		Since 1st of month.			Since 15th May.			Average number of rainy days.	Normal number of rainy days.			
	Mean for district.	Normal mean.	Mean for district.	Normal mean.	Variation.	Mean for district.	Normal mean.	Variation.					
2'80	—	—	—	—	—	—	—	—	—	—	Gopalpore	Pooree	ORISSA.
2'45	1'17	3'02	5'79	7'44	-1'65	5'79	9'30	-3'37	2'8	3'4	False Point	Cuttack	
2'57	1'98	2'84	8'02	7'30	+1'53	9'09	9'51	-0'42	2'8	3'5	Outlack	Cuttack	
7'41	5'40	2'43	12'37	6'77	+5'60	12'44	9'19	+3'25	5'7	3'4	Balasore	Balasore	
9'92	9'55	2'01	13'32	8'66	+4'76	13'62	11'21	+2'41	5'5	4'0	Saugor Island	South-West Midnapore	SOUTH-WEST BENGAL.
0'79	2'79	2'55	6'44	8'53	-2'09	7'27	10'79	-3'52	4'0	3'8	Midnapore	South 24-Pargunnahs	
3'31	2'48	2'46	10'10	8'99	+1'11	11'05	11'90	-0'85	4'6	4'5	Calcutta	24-Pargunnahs	
1'46	2'53	2'22	9'02	8'13	+1'40	10'04	10'50	+0'44	3'0	3'7	Howrah	Hooghly	
0'78	2'07	3'31	5'88	9'82	-3'94	7'17	12'20	-5'03	4'2	4'4	Burdwan	Burdwan	SOUTH-WEST BENGAL.
1'66	1'32	2'45	7'74	8'52	-0'78	9'91	11'15	-1'24	3'3	3'6	Bankura	Bankura	
1'88	2'40	9'92	9'43	+0'49	11'57	12'87	-1'30	3'5	3'7	Ranigunge	Heerbhoom		
1'82	4'95	2'84	18'45	11'42	+5'03	18'38	14'03	+3'45	4'0	4'6	West Burdwan	West Burdwan	
11'08	13'48	6'78	28'26	26'65	+1'61	37'04	32'19	+4'85	5'5	5'2	Herhampore	Moorshedabad	EAST BENGAL.
6'71	7'75	5'44	22'01	18'56	+4'35	24'09	22'32	+2'17	5'8	5'7	Nudda	Nudda	
5'52	6'18	6'39	21'87	27'16	-5'29	27'95	32'64	-4'69	4'5	5'1	Jessore	Jessore	
3'44	3'87	2'72	12'33	11'16	+1'17	15'53	15'73	-0'20	3'7	4'9	Chittagong	Chittagong	
6'87	7'67	2'86	13'47	11'92	+1'55	17'28	16'52	+0'76	5'3	4'6	Demagiri	Chittagong Hill Tracts	EAST BENGAL.
5'69	5'98	3'81	18'01	16'04	+1'97	23'19	20'70	+2'49	4'5	5'0	Barisal	Backergunge	
9'53	7'16	3'14	16'50	15'15	+1'35	22'40	20'34	+2'12	4'5	5'0	Noakholly	Noakholly	
4'43	4'87	2'83	10'27	11'04	-0'77	14'18	15'03	-0'85	3'5	4'1	Furreedpore	Furreedpore	
2'97	4'00	2'73	10'07	9'58	+0'51	13'03	12'39	+0'67	5'3	4'1	Dacca	Dacca	NORTH BENGAL.
3'39	4'27	4'13	12'05	13'81	-0'86	16'59	16'62	+0'27	5'3	4'5	Commillah	Commillah	
4'13	4'37	6'03	14'09	19'51	-5'42	22'02	26'09	-4'07	4'5	4'5	Mymensingh	Mymensingh	
5'55	7'28	10'11	23'46	26'86	-3'40	38'21	33'17	+5'06	4'9	5'5	Serajgunge	Bogra and Pubna	
7'52	7'74	9'86	20'43	32'42	-11'99	26'57	41'18	-14'61	6'0	6'1	Rampore Beaulah	Rajshahye	NORTH BENGAL.
3'94	2'77	3'31	9'78	10'90	-1'17	11'44	13'69	-1'65	4'0	3'4	Dinagopore	Dinagopore	
4'54	4'75	2'00	7'32	7'00	+0'32	7'57	8'14	-0'57	5'2	3'0	Rungpore	Rungpore	
3'41	4'03	2'04	7'55	6'27	+1'28	7'56	7'54	+0'02	4'7	3'3	Julpigoree	Cooch Behar	
3'72	4'03	2'04	7'55	6'27	+1'28	7'56	7'54	+0'02	4'7	3'3	Darjeeling	Darjeeling Hill Districts	NORTH BENGAL.
3'80	2'07	2'77	5'30	6'18	-0'83	5'30	6'05	-1'05	5'6	3'1	Purneah	Purneah	
0'45	1'58	2'60	3'40	4'76	-2'27	2'48	5'27	-2'79	4'3	3'2	North Bhagulpore	North Bhagulpore	
3'39	1'58	2'60	3'40	4'76	-2'27	2'48	5'27	-2'79	4'3	3'2	Durbhunga	Mozufferpore	
1'81	1'64	2'02	2'51	5'10	-2'59	2'94	6'32	-3'38	4'8	2'7	Motihari	Durbhunga	SOUTH BENGAL.
1'66	3'67	2'46	5'81	5'92	-0'01	5'91	7'13	-1'22	5'0	3'0	Chupra	Chumprapun	
4'01	2'39	2'9	7'43	6'05	+1'38	7'88	7'30	+0'41	4'0	3'4	Dohra	Sarun	
1'39	2'01	2'50	5'97	8'39	-2'42	7'85	10'15	-2'30	4'7	3'6	Buxar	Shahabad	
3'28	1'90	1'88	4'08	7'24	-3'16	4'21	8'64	-4'43	4'7	3'9	Arrah	Gya	SOUTH BENGAL.
3'27	1'34	2'45	4'78	6'87	-2'34	5'03	6'34	-1'32	4'5	4'4	Bankipore	Patna	
1'95	1'01	1'47	5'43	7'60	-2'17	5'43	9'81	-4'38	6'0	4'5	Bhagulpore	South Bhagulpore	
											Monghyr	Monghyr	
											Doomka	Sonthal Pargunnahs	CENTRAL INDIA.
											Hazaribagh	Hazaribagh	
											Lohardugga	Lohardugga	
											Manbhoom	Manbhoom	
											Chyenassa	Singbhoom	CENTRAL INDIA.

period for the past one year. The variations are negative when the mean for the week is less than the corresponding normal mean, and positive when greater. The numbers denoting cloud amount represent the part of the sky covered, the whole sky being denoted by 10. Under the head "district observations" are the means for the period in question during the past 12 years. The "means for the district" are the numerical averages of the rainfall returns received for the week ending at least an hundredth of an inch fell.

SUPPLEMENT TO THE CALCUTTA GAZETTE, JULY 2, 1884.

Statement of Rainfall in Bengal for the week ending Friday (6 p.m.), the 27th June 1884.

Meteorological division.	District.	Station.	RAINFALL.							Total.		Total rainfall from 1st to 27th June 1884.	Average total rainfall from 1st to 27th June 1884.	Total rainfall since 15th May 1884.	Average rainfall from 15th May to date.
			Saturday, 21st June.	Sunday, 22nd June.	Monday, 23rd June.	Tuesday, 24th June.	Wednesday, 25th June.	Thursday, 26th June.	Friday, 27th June.	Number of rainy days.	of Rainfall week.				
ORTHERA	Pooree	Pooree	0.04	0.04	0.04	0.04	0.04	0.04	0.04	1	0.39	4.93	7.19	4.92	8.74
		Khurdah	0.04	0.04	0.04	0.04	0.04	0.04	0.04	1	0.12	8.02	8.00	8.07	10.71
		Banpur	0.04	0.04	0.04	0.04	0.04	0.04	0.04	1	0.12	8.02	8.00	8.07	10.71
		Walso Point	0.03	0.26	0.04	0.28	0.03	1.19	0.35	6	2.74	5.05	6.55	5.05	8.53
		Hookitola	0.03	0.26	0.04	0.28	0.03	1.19	0.35	6	2.74	5.05	6.55	5.05	8.53
	Outtack	Jagatsingapore	0.07	0.15	0.04	0.20	0.50	0.01	0.01	1	0.01	4.93	7.19	4.92	8.74
		Banki	0.04	0.15	0.04	0.03	0.01	0.01	1.00	4	2.37	15.64	9.23	15.64	12.06
		Outtack	0.04	0.70	0.04	0.03	0.01	0.01	1.00	4	2.37	15.64	9.23	15.64	12.06
		Kendrapara	0.00	3.25	0.34	0.01	0.01	0.01	0.01	4	4.80	8.79	8.79	8.79	10.83
		Jajpore	0.00	3.25	0.34	0.01	0.01	0.01	0.01	4	4.80	8.79	8.79	8.79	10.83
	Balasore	Chandbali	0.00	0.38	0.04	0.31	0.17	0.54	0.48	6	1.97	11.55	6.22	11.55	8.08
		Bhuddruck	0.00	4.25	0.04	0.34	0.08	2.90	1.23	6	0.80	16.82	7.54	16.82	10.39
		Sorah	1.79	0.82	0.32	0.00	0.00	0.80	0.60	6	4.93	10.25	5.35	10.25	8.40
		Balasore	1.30	2.50	0.56	0.19	0.07	1.85	1.40	7	8.86	17.54	8.79	17.54	9.53
		Jelapora	1.00	1.20	0.03	0.05	1.80	0.35	0.35	6	8.78	11.82	8.17	11.82	10.19
SOUTH-WEST BENGAL.	Midnapore	Central	7.84	3.11	0.03	0.04	0.23	0.13	0.11	5	11.38	14.35	8.84	14.35	10.80
		Saugor Island	4.12	5.42	0.07	0.07	0.23	0.13	0.11	5	9.93	13.41	8.40	13.41	11.90
		Tumlook	2.30	0.13	1.60	0.11	0.24	0.29	0.29	6	1.06	3.60	8.40	4.01	10.51
		Midnapore	0.07	0.13	0.22	0.11	0.24	0.29	0.29	6	1.06	3.60	8.40	4.01	10.51
		Ghatal	1.30	0.12	0.12	0.12	0.12	0.12	0.12	6	1.42	5.72	8.12	6.79	11.27
	24-Pergunnahs	Diamond Harbour	2.34	3.04	0.34	0.34	0.34	1.38	0.23	5	7.35	12.20	8.88	12.20	11.45
		Alipore Jail	0.06	1.07	0.23	0.23	0.23	0.76	1.01	5	4.03	12.36	9.44	12.36	12.10
		Barnackpore	0.40	0.82	0.02	0.02	0.02	0.13	0.13	4	1.37	9.88	9.88	10.58	12.01
		Dum-Dum	0.00	1.05	0.19	0.03	0.22	0.69	0.69	4	2.83	10.02	9.24	11.11	12.38
		Barnackpore	0.18	0.24	0.18	0.18	0.18	0.18	0.18	6	0.60	10.02	8.98	10.02	11.95
	Howrah	Howrah	0.70	1.87	2.28	0.12	0.26	0.26	0.26	6	5.26	12.73	9.25	12.73	13.23
		Mohesra (Oloberia)	0.72	0.85	0.36	0.36	0.36	0.19	0.67	6	2.75	10.77	9.02	11.21	11.53
		Mohesra	1.04	0.81	0.26	0.49	0.49	0.38	0.61	6	3.68	10.13	8.51	11.49	11.69
		Serampore	0.46	0.55	0.55	0.55	0.55	0.25	0.18	4	1.44	12.07	8.00	13.60	11.21
		Hooghly	0.17	0.94	0.85	0.85	0.85	0.55	0.25	4	1.79	5.45	8.60	7.07	11.62
	Burdwan	Culna	0.44	1.13	0.58	0.58	0.58	0.13	0.13	2	1.67	9.08	7.79	10.53	9.97
		Burdwan	0.16	0.32	0.58	0.58	0.58	0.13	0.13	3	1.06	4.33	7.56	6.10	10.34
		Cutwa	0.80	0.18	0.51	3.48	0.13	0.13	0.13	4	4.97	14.55	9.05	17.22	11.22
		Raneegunge	0.15	0.25	0.10	0.10	0.10	0.10	0.10	2	0.73	5.46	8.18	7.66	10.07
		Bankoora	0.15	0.25	0.10	0.10	0.10	0.10	0.10	5	5.00	9.04	9.04	10.14	11.25
EAST BENGAL.	Bankoora	Bishnupore	0.87	0.60	0.10	0.09	0.09	0.11	0.10	6	1.87	4.87	11.38	6.41	13.24
		Majara	0.37	0.18	0.20	0.20	0.20	0.15	0.15	1	0.37	2.20	10.77	3.29	11.91
		Khatra	0.09	0.18	0.20	0.20	0.20	0.15	0.15	6	2.84	8.06	10.25	8.42	12.05
		Beerbhoom	0.10	0.09	0.03	0.03	0.03	1.12	0.12	5	1.55	5.37	9.90	7.17	11.00
		Hetampore	0.10	0.09	0.03	0.03	0.03	1.12	0.12	5	1.55	5.37	9.90	7.17	11.00
	Nuddea	Bongong	0.40	0.83	1.15	1.15	1.15	0.08	0.08	1	1.15	9.25	10.63	10.21	13.34
		Ranaghat	0.39	0.83	0.80	0.80	0.80	0.08	0.08	3	2.03	13.44	8.81	13.74	11.94
		Kishinagar	0.15	0.07	1.27	0.15	0.15	0.15	0.15	6	0.67	10.52	9.14	12.36	13.65
		Choudhury	0.15	0.07	1.27	0.15	0.15	0.15	0.15	6	0.67	10.52	9.14	12.36	13.65
		Meherpore	0.08	0.12	2.07	0.87	0.87	0.17	0.12	4	3.14	8.92	10.79	13.01	14.79
	Khowla	Satkira	0.37	5.37	1.36	0.45	0.59	0.59	0.03	4	4.94	17.76	10.23	18.74	14.27
		Bagirhat	0.29	3.50	3.56	0.90	0.90	0.03	0.03	6	8.68	18.46	12.85	20.23	18.48
		Khowla	0.29	3.50	3.56	0.90	0.90	0.03	0.03	6	8.68	18.46	12.85	20.23	18.48
		Narail	0.23	1.03	0.40	0.37	0.15	0.15	0.15	4	2.03	11.82	10.44	12.08	14.13
		Jessore	0.14	0.81	0.08	0.15	0.15	0.15	0.15	4	4.08	12.17	12.29	15.71	15.62
	Moorshedabad	Magoorah	0.08	0.81	0.41	0.08	3.38	0.08	0.08	5	4.74	15.12	10.84	18.39	14.23
		Kandi	0.22	0.62	0.62	0.62	0.62	0.62	0.62	2	0.84	6.94	8.86	9.80	11.30
		Rampore Haut	0.05	0.18	0.31	0.31	0.31	0.31	0.31	3	0.84	6.94	8.86	9.80	11.30
		Berhampore	0.26	0.27	0.57	0.57	0.57	0.57	0.57	4	1.80	7.70	9.30	9.53	12.58
		Lalbagh	0.07	0.05	1.45	1.45	1.45	0.07	0.07	3	0.74	9.17	7.41	11.22	10.86
EAST BENGAL.	Chittagong	Chittagong	0.14	0.08	1.05	0.70	0.08	0.08	0.08	5	2.47	11.22	7.70	14.27	10.69
		Cox's Bazar	0.53	1.22	0.86	5.91	0.19	0.19	0.19	6	12.04	20.68	31.27	42.70	37.08
		Chittagong	3.56	5.00	2.5	1.08	0.18	0.18	0.18	5	12.92	25.85	22.05	31.37	27.51
		Ranamatia	0.07	2.19	3.74	0.76	0.18	1.35	0.26	7	6.59	20.00	17.58	24.49	23.39
		Barua	0.71	7.50	3.74	0.76	0.18	1.35	0.26	7	6.59	20.00	17.58	24.49	23.39
	Buckergunge	Agartola	0.07	0.70	0.62	3.26	0.03	0.03	0.03	8	4.34	15.06	13.26	21.64	18.08
		Patnakhally	1.60	2.10	3.40	2.50	0.10	0.10	0.10	5	9.70	20.20	21.43	28.25	26.29
		Perazepore	0.45	1.96	0.37	2.12	2.30	0.54	0.15	7	8.61	23.05	14.72	25.27	18.15
		Burrisal	1.30	1.23	1.40	0.77	2.04	0.02	0.02	6	6.74	20.00	14.63	23.53	18.98
		Bhola	1.68	1.08	1.59	1.30	0.28	0.28	0.28	6	5.92	20.67	23.57	28.50	27.86
	Noakhally	Noakhally	0.94	1.80	1.88	0.69	0.07	0.07	0.07	5	5.47	13.74	25.03	17.75	30.43
		Fenny	1.00	2.03	1.05	2.80	0.07	0.07	0.07	4	6.88	20.69	20.20	30.18	34.86
		Furreedpore	0.14	0.08	3.40	0.53	1.49	0.30	0.30	3	3.00	13.45	11.39	13.20	16.86
		Furreedpore	0.10	0.08	1.14	0.53	1.49	0.30	0.30	3	3.00	13.45	11.39	13.20	16.86
		Goulundo	0.00	0.60	1.08	0.70	0.70	0.70	0.70	3	2.28	11.11	10.88	14.69	14.64
	Dacca	Munshigunge	0.32	3.49	2.08	2.91	0.20	0.20	0.20	6	9.14	15.18	14.69	17.65	19.66
		Dacca	0.10	2.53	0.72	2.92	0.03	0.03	0.03	5	6.30	11.21	12.18	16.61	19.79
		Narainkunge	0.15	2.10	1.02	2.00	0.05	0.05	0.05	6	5.85	10.45	9.49	13.43	15.18
		Manickgunge	0.20	0.67	2.20	5.21	0.28	0.28	0.28	6	7.56	13.63	8.99	17.07	23.13
		Comilla	0.22	0.01	0.30	4.71	0.05	0.14	0.14	6	6.33	20.67	17.41	24.93	23.43
EAST BENGAL.	Comilla	Chandpore	0.55	1.05	0.60	0.60	1.15	0.30	0.30	5	4.80	12.55	19.45	17.00	23.00
		Brabmanberia	0.00	0.98	2.40	4.73	0.30	0.30	0.30	4	8.59	23.74	18.01	30.24	19.43
		Kishoregunge	0.00	2.41	0.44	3.03	0.03	0.03	0.03	2	1.30	8.35	12.07	8.44	10.55
		Alia	0.20	1.10	0.45	6.15	0.03	1.67	1.67	6	9.57	20.44	18.91		

Statement of Rainfall in Bengal for the week ending Friday (6 p.m.), the 27th June 1884—concluded

Meteorological division.	District.	Station.	RAINFALL.							TOTAL.		Total rain-fall from 1st to 27th June 1884.	Average total rain-fall from 1st to 27th June	Total rain-fall since 15th May 1884.	Average rainfall from 15th May to date.
			Saturday, 21st June.	Sunday, 22nd June.	Monday, 23rd June.	Tuesday, 24th June.	Wednesday, 25th June.	Thursday, 26th June.	Friday, 27th June.	Number of rainy days.	Rainfall week.				
NORTH-BENGAL	Pubna	Pubna	0.12	0.20	1.00	0.87	.....	.....	.....	4	3.09	10.78	10.47	14.25	14.25
		Serajgunge	0.03	0.50	1.23	3.36	.....	.....	.....	4	5.14	9.44	10.04	11.72	14.25
	Bogra	Sherpore	.....	2.05	5.20	0.55	.....	.....	.....	3	7.80	12.31	10.94	17.68	15.75
		Nowshilla	0.07	0.70	0.47	4.26	.....	.....	0.06	5	5.46	14.92	11.28	18.63	14.60
		Bogra	0.51	0.40	0.04	0.50	0.09	.....	.....	5	8.03	16.14	12.33	16.12	16.90
		Panchbibi	.....	0.78	1.60	3.36	.....	.....	.....	3	5.34	10.82	10.82	13.13	14.44
	Rajshahye	Benaulah	0.04	0.20	0.36	0.03	1.06	.....	0.24	6	2.63	8.81	8.60	10.47	11.98
		Nattore	0.20	0.50	1.50	0.30	4.00	.....	.....	5	6.50	10.93	9.47	14.72	13.38
	Maidah	Nowgong	0.40	0.11	0.83	2.30	0.50	.....	.....	5	4.14	10.74	.....	23.21	.....
		Maidah	0.41	0.43	0.88	0.75	0.30	.....	.....	5	2.86	10.46	10.55	13.90	13.90
	Dinapore	Mohadehpore	0.62	0.73	2.00	0.02	3.25	.....	.....	4	2.95	15.50	14.04	.....	17.96
		Churamon	0.20	0.25	.....	1.75	0.75	.....	.....	4	2.95	15.50	11.76	20.20	18.34
		Kangungo	0.20	0.24	0.32	1.22	2.38	0.03	.....	6	4.48	11.04	11.53	10.51	17.36
		Dinapore	0.22	0.21	0.38	0.22	1.90	.....	0.02	6	3.04	11.90	15.09	15.67	18.33
		Baloorhut	0.43	0.80	1.94	4.43	.....	.....	.....	4	7.60	15.07	.....	19.66	.....
	Rangpore	Bhawungunge (Gyabanda)	.....	.....	1.02	1.48	0.25	.....	.....	3	2.75	8.45	16.79	15.41	19.00
		Rangpore	0.07	0.34	0.92	1.09	2.56	.....	.....	5	4.98	15.90	17.30	25.99	29.78
		Kutigram	.....	0.35	0.28	0.84	2.70	0.23	.....	5	4.40	15.95	20.34	20.19	27.77
		Bagdoura (Naphamart)	0.11	0.43	1.08	0.44	3.27	.....	.....	5	5.55	10.05	20.35	20.35	34.07
		Julpore	0.08	0.66	0.45	0.14	4.22	.....	.....	5	5.55	18.67	27.18	20.71	34.19
	Cooch Behar	Dindutta	0.11	0.48	1.68	0.75	4.76	.....	.....	5	7.73	22.02	27.94	40.07	38.97
		Cooch Behar	.....	1.13	2.58	2.93	3.50	.....	.....	4	16.24	35.81	33.30	55.41	41.81
		Mickhange	.....	1.21	1.95	.....	5.05	.....	.....	3	8.21	20.31	24.47	31.25	38.04
		Matlabhanga	0.10	1.16	1.66	0.12	1.43	0.05	.....	6	4.61	20.22	32.39	34.60	42.78
	Darjeeling Hill.	Raxa	.....	1.77	1.27	1.61	0.26	0.11	2.81	6	7.84	21.50	42.88	31.70	50.60
		Siliguri	.....	1.10	0.50	0.55	1.63	.....	0.04	6	3.83	13.24	.....	18.26	.....
		Darjeeling	.....	4.11	0.45	1.79	0.35	0.22	0.12	6	7.64	19.56	21.93	21.44	25.77
		Kaipingong	0.08	3.31	0.22	1.32	0.06	0.05	.....	6	7.64	19.56	21.93	21.44	25.77
NORTH-BENGAL	Purneah	Kissegunge	0.14	0.26	0.86	0.15	0.85	.....	0.02	6	2.98	15.71	14.55	16.90	17.74
		Armarah	.....	0.28	1.00	.....	.....	.....	0.70	3	2.68	10.88	12.12	14.75	14.75
	North Bhagulpore.	Purneah	0.22	0.39	0.24	2.76	0.31	.....	.....	5	3.94	8.13	10.82	9.46	12.78
		Madhapore	0.04	.....	1.20	1.00	.....	.....	.....	3	2.24	7.45	8.62	8.63	9.69
	Durbhunga	Soopool	0.10	0.70	.....	1.20	.....	.....	.....	3	2.90	6.59	8.93	7.47	10.49
		Tajpore	0.45	.....	0.22	0.58	2.05	0.66	.....	5	3.96	7.37	6.26	7.27	7.14
	Mozafferpore	Durbhunga	0.21	0.05	0.81	0.37	1.90	0.15	.....	5	3.55	6.54	7.17	7.08	8.53
		Madhabani	.....	0.45	1.54	2.50	.....	.....	.....	3	4.50	6.06	7.19	6.65	9.35
	Chumparan	Sitamari	.....	0.58	0.47	1.45	2.24	6.33	0.04	6	5.11	6.09	7.41	7.08	8.75
		Mozafferpore	0.04	.....	0.12	0.32	3.47	0.35	0.05	6	5.15	8.14	6.78	8.14	7.95
	Sarun	Hajpore	0.05	0.15	0.37	0.23	1.89	3.43	.....	6	0.22	9.52	0.55	9.52	7.30
		Motihari	.....	.....	0.70	1.68	0.76	0.41	.....	4	3.61	6.68	6.30	6.68	7.24
SOUTH-BENGAL	Gya	Bettian	.....	0.07	0.56	1.60	0.77	.....	0.04	4	3.74	8.55	7.00	8.55	8.55
		Gopalgunge	.....	0.53	1.32	0.96	1.19	0.44	.....	5	4.72	7.65	5.51	7.65	6.10
	Patna	Sewari	.....	1.15	0.55	0.35	0.12	0.02	.....	5	2.19	4.18	6.61	4.18	7.62
		Chapran	0.09	0.06	0.72	1.17	0.81	.....	.....	5	2.84	6.42	5.74	6.42	6.30
	Shahabad	Buxar	0.01	0.11	0.17	0.30	0.34	0.81	0.51	7	3.21	4.45	4.45	4.45	4.85
		Deoria	.....	0.30	0.06	.....	2.00	.....	.....	3	0.45	0.98	.....	0.98	.....
		Bhuboah	.....	0.09	0.18	.....	0.05	.....	0.10	4	0.43	0.86	4.70	0.86	5.13
		Susseram	.....	0.15	0.22	0.11	0.30	.....	.....	4	0.87	1.68	4.44	1.05	4.44
	Gya	Arrah	.....	.....	0.60	1.50	.....	.....	.....	2	1.56	3.54	5.09	3.54	6.13
		Aurangabad	.....	0.08	0.04	0.13	0.57	0.18	1.58	6	2.58	2.99	4.73	2.99	5.65
		Gya	.....	0.03	0.12	0.13	0.08	0.52	.....	5	1.63	2.86	5.61	3.35	6.07
		Nowadah	.....	0.07	0.08	.....	0.25	.....	.....	3	0.40	1.51	5.07	1.87	5.07
	Patna	Johannabad	.....	0.23	0.20	1.14	0.09	0.27	.....	5	1.93	2.66	4.93	3.53	6.04
		Patna	0.06	0.00	0.05	0.25	2.70	1.40	.....	6	5.16	7.93	6.55	7.93	7.99
		Dinapore	0.17	0.03	1.08	1.13	0.68	3.30	.....	6	7.02	8.61	8.61	8.61	6.77
		Bihar	.....	0.00	0.16	0.26	.....	0.31	.....	4	1.02	2.87	6.15	2.87	7.89
CENTRAL AND SOUTH-BENGAL	Monghyr	Bihar	.....	0.10	0.80	0.20	.....	0.07	.....	4	1.17	4.19	4.74	4.19	5.04
		Begousserai	.....	.....	0.72	0.54	.....	0.44	.....	3	1.70	5.88	0.65	5.88	7.30
	South Bhagulpore.	Monghyr	0.05	.....	0.64	0.17	0.08	.....	.....	4	0.94	7.40	5.63	7.20	6.91
		Jamui	1.34	0.13	0.09	1.05	.....	.....	0.03	5	8.54	6.29	6.74	7.54	7.02
	South Bhagulpore.	Bhagulpore	0.21	0.03	0.12	1.05	.....	2.57	.....	5	3.98	12.44	6.26	12.93	7.71
		Buxa	0.45	.....	1.20	0.10	.....	.....	.....	3	1.80	5.44	6.43	6.44	7.30
	Sonthal Pergunnas.	Rajmahal	1.02	0.36	0.93	1.68	0.53	.....	.....	5	4.32	9.87	9.03	12.12	10.30
		Gidda	0.40	0.05	0.31	.....	0.18	.....	.....	4	1.24	5.15	6.16	6.16	7.44
		Pakour	0.10	0.25	1.08	.....	1.00	.....	0.05	5	2.48	7.04	10.10	11.12	13.05
		Nya Doonka	0.26	0.05	0.93	.....	0.27	0.42	0.07	6	1.14	2.63	8.71	4.89	10.47
		Deoghar	0.48	0.31	0.75	.....	.....	0.60	0.10	4	1.50	4.15	7.50	6.91	9.30
	Hazaribagh	Jamui	0.50	0.12	.....	.....	.....	0.60	0.10	4	1.32	6.19	8.18	6.90	10.14
		Pachaniba	0.37	0.45	0.05	.....	0.11	0.12	0.10	6	1.20	3.05	7.97	3.05	6.95
		Hazaribagh	0.75	0.43	0.02	.....	0.07	1.74	.....	5	3.04	4.81	6.09	4.81	7.40
		Somnagarh	0.00	0.32	.....	.....	.....	.....	0.28	3	1.59	3.45	8.04	3.45	9.24
CENTRAL AND SOUTH-BENGAL	Lohardugga	Mahadi Hill	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
		Lohardugga	0.41	0.12	.....	.....	.....	.....	0.50	3	1.12	4.23	.....	4.23	.....
	Singbhoon	Kanchi	0.62	1.05	.....	.....	0.10	0.04	.....	4	2.50	7.37	7.43	7.43	8.00
		Paimow	0.29	0.10	.....	.....	0.18	.....	0.50	4	1.12	1.34	5.05	1.34	5.05
	Manbhoon	Chyebawa	0.09	0.23	0.30	.....	0.12	0.14	0.13	6	1.01	5.43	7.60	5.43	6.80
		Purulia	0.83	0.81	.....	.....	0.09	1.10	0.05	5	2.38	8.30	7.95	8.30	8.94
	Manbhoon	Gobindpore	0.64	0.24	0.03	.....	.....	0.15	0.29	5	4.38	1.92	7.40	2.37	8.77
		Gobindpore	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Manbhoon	Gobindpore	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
		Gobindpore	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Manbhoon	Gobindpore	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
		Gobindpore	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

Explanation.—Indicates that no rain has fallen. If the return for any day has not been received, the corresponding space is left blank. If some of the returns are missing, the corresponding spaces in the total rainfall columns are left blank.

**SUMMARY OF THE METEOROLOGICAL AND RAINFALL OBSERVATIONS
TAKEN IN BENGAL DURING THE WEEK ENDING THE 27TH JUNE 1884.**

The disappearance of the cyclonic disturbance at the head of the Bay, described in last week's report, was followed by the extension of south-west monsoon winds over the whole Province. They brought up much aqueous vapour, and gave general and abundant rain to all parts of the Province except the most southern portions of Orissa and Chutia Nagpur. This continued until the 22nd or 23rd, when the winds became rapidly feebler. The diminution in the amount of rainfall was at first shown in South Bengal and Orissa. The shifting of the winds in that part of the Province on the 24th or 25th, to directions between north-east and north-west, indicated that it was due to the formation of another small cyclonic circulation at the head of the Bay. This, although apparently very small, has been remarkably persistent. It has continued to occupy almost the same position for several days. At the same time unusually strong winds are blowing on the Ceylon and Coromandel coast, in the latter case from the west, almost certainly indicating unsettled squally weather, with heavy rain, over the centre and perhaps the north of the Bay. When the disturbance at the head of the Bay, due to these conditions, passes away, it will probably be followed by another inrush of moisture and general rain over the Province.

Pressure.—The variations of pressure during the week were very irregular, and mainly dependent on, and connected with, rainfall. Pressure was low at the end of last week, but increased at the commencement of the week under review. In South Bengal and Orissa it began to diminish after the 23rd. The fall continued until the end of the week, and was partly due to the formation of a slight barometric depression in the north-west angle of the Bay. This, although very small, has influenced the weather in Bengal considerably, modifying the wind directions and diminishing the amount of the rainfall. The barometer was unusually low in Behar on the 22nd and 23rd, after which it rose. The fluctuations were smaller in amount in East and North Bengal. The barometer was, however, falling generally at the end of the week. The mean pressure of the week was either normal or slightly below the average in Chutia Nagpur and Behar, and locally at Calcutta. It was $\cdot 03''$ above it in Orissa and the greater part of South-West Bengal, and $\cdot 05''$ above it in East Bengal.

Temperature.—Was considerably below the average during the greater part of the week in consequence of the general and heavy rainfall. It was steadily below it during the first four days of the week; it increased rather rapidly on the 25th, and was above the normal in Orissa, Chutia Nagpur and South Bengal on the 26th, and over the whole Province, except South Behar, on the 27th. The mean temperature of the week was hence below the average for the whole Province. The deficiency averaged 3° for South Behar, $2\frac{1}{2}^{\circ}$ for Chutia Nagpur and East Bengal, 2° for South-West Bengal, and $1\frac{1}{2}^{\circ}$ for Orissa. Cuttack was the only station at which a maximum temperature exceeding 100° occurred. The highest at that station during the week was $100\cdot 4^{\circ}$.

Winds.—During the first four days of the week moderately strong winds, approximately normal in direction, prevailed over the whole Province. The easterly winds in Behar were unusually strong on the 21st and 22nd. Winds then began to fall off in strength. This was followed in Behar and Chutia Nagpur by the establishment of westerly winds on the 25th. They were probably the continuation of the monsoon winds of the Bombay coast. They were, however, replaced on the 26th by light and unsteady easterly winds. The winds in South Bengal and Orissa shifted round to directions between north-east and north-west on the 25th, indicating the formation of a slight depression near the head of the Bay.

Rainfall.—Abundant rain has fallen during the past week in every part of the Province. Rain was received in every district during the 21st, 22nd, and 23rd. It was heaviest on the 21st and 22nd in the Balasore and South Midnapore districts. Contai received 7·84 inches on the 21st, and Sangor Island 5·42 inches on the 23rd. During the next two days, the 24th and 25th, general rain continued to fall in East and North Bengal and in Behar. Local showers occurred in South-West Bengal and Orissa. The rainfall was specially heavy during this period in the Dacca, Comillah, Mymensingh, Bogra, Rungpore and Cooch Behar districts. Amongst the heaviest rainfalls in 24 hours at this time were—

Bogra	...	...	...	6·5	inches on the 24th.
Mymensingh	...	...	...	6·15	" " 24th.
Manickgunj	...	...	...	5·21	" " 24th.
Meckligunj	...	...	...	5·05	" " 25th.

During the remaining two days little rain was received in either North or East Bengal, or the eastern districts of South-West Bengal; moderate and fairly general rain on the other hand occurred in North Orissa, the western districts of South-West Bengal, Chutia Nagpur and Behar.

The total rainfall of the week was very considerably in excess in the Chittagong, Balasore, South Midnapore, Jessore, Dacca, Comillah, Mymensingh, Bogra, and to a less extent in the Rajshahye, Barrisal, Dinagepore, Mozufferpore, Durbhunga, Chumparun and Patna districts.

The only districts in which it was noticeably below the average were the Darjeeling Hill District, which has received rainfall steadily below the normal during the present year.

up to date, the Pooree district, Rungpore, Julpigoree, Cooch Behar, Shahabad, and the Bohardugga, Manbhoom, and Singbhoom districts of Chutia Nagpur.

Over the remaining districts of the Province the rainfall of the week was approximately normal in amount.

The following table gives the summary of the temperature and rainfall date of each of the seven meteorological divisions of the Province for the week ending Friday, the 27th June 1884 :—

METEOROLOGICAL DIVISIONS.	TEMPERATURE.						RAINFALL.								
	Highest observed during week.	Lowest observed during week.	Averages for week.			Average mean of week above or below normal mean of week.	Of week.		Rainy days.		Since 1st of month.	Since 15th May.			
			Of highest of each day.	Of lowest of each day.	Of mean for each day.		Average.	Normal average.	Variation.	Average number in week.			Normal average number in week.	Variation.	
Average.	Normal average.	Variation.	Average number in week.	Normal average number in week.	Variation.	Average.	Normal average.	Average.	Normal average.						
Orissa	100.4	71.3	87.8	77.8	82.8	+1.5	87.2	+0.60	4.1	3.4	+0.7	97.8	7.13	9.69	9.30
South-West Bengal	98.7	70.5	84.6	77.5	81.1	+1.2	87.2	+0.11	4.1	4.1	0	10.08	9.36	11.18	12.16
East Bengal	91.7	69.6	80.7	73.9	77.3	+1.2	81.3	+2.78	4.8	5.0	0.2	18.91	17.19	23.33	21.93
North Bengal	91.1	68.7	80.7	73.7	77.0	+1.2	81.3	+0.09	4.8	4.3	0.5	15.00	17.14	21.97	22.47
North Behar	97.3	71.8	84.6	77.4	81.0	+0.15	87.2	+1.19	4.8	3.3	+1.5	7.91	7.98	8.53	9.44
South Behar	98.0	71.0	84.5	77.6	81.0	+1.36	87.2	+0.19	4.5	3.3	+1.2	5.06	6.23	5.72	7.48
Chutia Nagpur	88.0*	69.9*	83.4*	73.0*	78.1*	+1.64*	100	+0.54	4.0	4.3	+0.3	4.40	7.16	4.57	8.63

* Chyabusa not included.

METEOROLOGICAL OFFICE, BENGAL;

JOHN ELIOT,

The 30th June 1884.

Meteorological Reporter to the Govt. of Bengal.

**Results of the Meteorological Observations taken at the Alipore Observatory from
22nd to 28th June 1884.**

Month.	Date.	Maximum in sun.	Number of hours of bright sunshine.	Mean pressure barometer at 32 Fahr.	TEMPERATURE.				HYGROMETRY.				WIND		Rain	WEATHER.
					Mean.	Maximum.	Range.	Minimum.	Mean wet bulb.	Vapour tension.	Dew point.	Humidity.	Prevailing direction.	Miles recorded.		
1884.		D		Inches.	—	—	—	—	—	Inches	—	%			Inches	
June	22nd	130.3	Nil	29.536	80.0	86.3	11.8	74.5	77.3	0.905	76.2	88	SSW and calm	132	0.48	Cloudy, o, g, d p.
"	23rd	98.8	"	556	81.1	84.4	9.0	74.5	78.6	.948	77.6	80	SW by S and SSW	148	0.55	Cloudy, o, g, d p.
"	24th	100.7	0.3	542	83.0	86.6	12.2	71.4	80.2	.906	79.1	88	SW and SSW	123	0.24	Cloudy, o, p.
"	25th	153.5	4.0	532	84.1	90.0	10.3	79.7	80.8	1.008	79.5	86	SSW and S	75	Nil	Chiefly cloudy o.
"	26th	146.9	5.0	495	83.7	89.5	8.8	80.7	80.7	1.008	79.5	88	SW and variable	110	0.10	Chiefly cloudy o, t, d, p.
"	27th	156.0	4.3	516	82.5	90.5	11.3	79.2	79.9	0.989	78.9	89	SSE and ESE	85	0.86	Chiefly cloudy o, g, t, p.
"	28th	151.8	10.0	500	85.2	91.3	12.5	78.8	80.4	.972	78.4	79	ESE, ENE and SSW	103	Not measurable.	Chiefly cloudy o, d.

The mean pressure of the seven days 29.525
The average pressure of the corresponding period for 24 years, S. G.'s Office ... 29.519

The total number of hours of bright sunshine 23.6
The maximum possible number of hours of sunshine 94.3

The mean temperature of the seven days 82.8
The average temperature of the corresponding period for 24 years, S. G.'s Office ... 84.5
The extreme variation of temperature 16.9
The maximum temperature 91.3

The highest velocity of the wind in one hour 14 Miles.

The highest pressure of the wind on one square foot 4 lbs.

The mean relative humidity 87
The average relative humidity of the corresponding period for 24 years, S. G.'s Office ... 84

The total fall of rain from 22nd to 28th June 1884 2.23
The average fall of the corresponding period for 24 years, S. G.'s Office 2.48
The total fall from 1st January to 28th June 1884 19.13
The average fall of the corresponding period for 24 years, S. G.'s Office 20.46

The mean pressure, temperature, &c., are deduced from the traces of the Barograph and Thermograph, and from observations made at 6h, 10h, 16h, and 22h.

The maximum and minimum temperatures are obtained from self-registering thermometers. All the thermometers are verified, and the readings have been corrected to a standard constructed and verified at the Kew Observatory. They are exposed under a thatched shed open at the sides, and are suspended four feet above the ground.

The barometer readings are corrected approximately to those of the standard Newman's No. 86 formerly at the Surveyor-General's Office.

The hygrometric elements are obtained from Tables III, IV, and V of the official tables computed in the Meteorological Office, and based on Regnault's modifications of August's formula.

The direction of the movement of the wind are taken from the trace of a Beckley's anemograph.

The mouth of the rain-gauge is one foot above the ground.

o overcast, g gloomy, d drizzling rain, t thunder, p passing temporary showers, = fog.

JOHN ELIOT,

METEOROLOGICAL OFFICE, INDIA,
Calcutta the 30th June 1884.

For Meteorological Reporter to the Government at Calcutta

Results of the Thermometrical Observations taken at the Meteorological Office,
Chowringhee, from 22nd to 28th June 1884.

MONTH.	Date.	TEMPERATURE.				Mean wet bulb.	HYGROMETRY.			Rain.
		Mean.	Maximum.	Range.	Minimum.		Vapour tension.	Dew point.	Humidity.	
1884.		°	°	°	°	°	inches.	°	%	Inchs.
June	22nd	80.1	86.2	11.2	75.0	78.5	.955	77.8	93	1.26
"	23rd	79.8	85.8	9.3	76.3	78.8	.978	78.5	97	0.31
"	24th	80.9	86.3	11.3	75.0	80.0	1.013	79.8	96	0.42
"	25th	83.8	92.0	12.2	79.8	81.7	1.058	81.0	92	Nil.
"	26th	84.4	90.0	8.2	80.8	80.6	.994	79.0	84	"
"	27th	81.8	90.3	10.5	79.8	80.4	1.020	79.8	94	0.57
"	28th	83.9	91.3	12.3	79.0	80.2	.882	78.7	81	0.15

The mean temperature of the seven days ... 82.0

The extreme variation of temperature ... 17.0

The maximum temperature ... 92.0

The mean relative humidity ... 91%

The total fall of rain from 22nd to 28th June 1884 ... 2.61 Ins.

The mean temperature and humidity are obtained by applying to the mean of the 10h, 16h, and minimum readings a correction dependent on the range, and derived from the hourly observations at the Surveyor-General's Office, Chowringhee, in past years.

METEOROLOGICAL OFFICE, INDIA,

Calcutta, the 30th June 1884.

JOHN ELIOT,

For Meteorological Reporter to the Govt. of India.

MEMORANDA.

The mortuary returns of the districts in Bengal, excluding those of thana Beguserai, in Monghyr, from which they have not as yet been received, for the month of April 1884, disclose the undermentioned results:—

(1) That 132,123 deaths were recorded among a population of 65,784,090, representing a death-rate of 24·00 per 1,000 per annum, against 19·56 per 1,000 during the preceding month, and 17·76 per 1,000 during the corresponding month of 1883, indicating a sensible advance in the registration of the events.

(2) That the following districts returned the highest proportions of deaths:—

Districts.	Ratio per mille.	Districts.	Ratio per mille.
Nuddea	78·12	Bardwan	31·20
Murshidabad	58·92	Faridpore	29·28
Rajshahye	57·24	Balasore	27·72
Pubna	40·68	24-Pergunnahs	26·16
Jessore	35·88	Howrah	25·92
Backergunge	32·64	Sarun	25·68
Birbhum	31·56	Gya	25·20
Dacca	31·44	Khulna	25·08

(3) That the mortality from the different death-causes specified below, as contrasted with the results of the corresponding month of the past year, stands as follows:—

	Ratio per mille during—	
	April 1884.	April 1883.
Cholera	5·52	1·92
Small-pox	·60	·24
Fever	13·80	12·36
Bowel-complaints	·84	·72
Injury	·24	·24
Other causes	2·64	2·01

indicating that, there was a marked increase of mortality from every death-cause excepting injury which exhibits no variation, and that cholera prevailed with considerably aggravated severity.

(4) That while bowel-complaints and injury were nowhere noticeably fatal, cholera, small-pox, fever and "other causes" caused the highest mortality in the districts named below:—

Cholera.					
	Ratio per mille.		Ratio per mille.		Ratio per mille.
Nuddea	37·32	Balasore	11·04	Hughli	3·96
Murshidabad	31·08	24-Pergunnahs	9·12	Midnapore	3·48
Rajshahye	27·00	Burdwan	8·64	Birbhum	3·36
Faridpore	15·72	Howrah	8·40	Bankura	3·24
Jessore	14·40	Serampore	6·96	Maldah	2·40
Pubna	12·84	Khulna	5·64	Tipperah	2·16
Dacca	11·28	Manbhum	5·40	Senthal Pergunnahs	2·16
Backergunge	11·04	Mymensing	4·08	Cuttack	2·16

Fever.					
	Ratio per mille.		Ratio per mille.		Ratio per mille.
Gya	3·96	Nuddea	33·00	Poori	10·56
Sarun	3·72	Rajshahye	28·80	Sarun	9·00
Patna	3·12	Pubna	25·56	Backergunge	6·48
		Murshidabad	25·08	Birbhum	6·24
		Birbhum	21·48	Nuddea	6·24

Other causes.					
	Ratio per mille.		Ratio per mille.		Ratio per mille.

The figures denote that, cholera prevailed with marked severity in a large number of districts; most, so in Nuddea, Murshidabad and Rajshahye, and that fever was also very fatal in these three districts as well as in Pubna.

(5) That the mortality of the month distributed under the heads of Sex, Class and Age, stands as follows:—

According to Sex.			According to Class.			According to Age.		
	Ratio per mille.			Ratio per mille.			Ratio per mille.	
Males	27·00		Christians	18·72		Under 1 year	180·20	
Females	21·12		Hindus	22·20		1 and under 5 years	29·04	
Ratio of male deaths to every 100 female deaths	125		Mahomedans	28·68		5 " 10 "	14·88	
			Budhist	9·48		10 " 15 "	12·24	
			Other classes	14·16		15 " 20 "	17·88	
						20 " 30 "	17·40	
						30 " 40 "	18·84	
						40 " 50 "	23·52	
						50 " 60 "	32·28	
						60 years and upwards	48·12	

R. LIDDERDALE, M.D., Deputy Surgeon-General.

Sanitary Commissioner for Bengal.

The 30th June 1884.

* The publication of these statistics has been delayed owing to the non-receipt of the Monghyr return up to the 30th June, for want of the figures of the Beguserai thana.

Statement showing the Results of the registration of Deaths in the Local Board for the month of April 1884.

		POPULATION.		DEATHS FROM—										DISEASE.										RATIO PER 1,000 OF POPULATION PER ANNUM.		COMPARISON WITH PREVIOUS PERIODS.		DEATHS AMONG—		RATIO PER 1,000 OF POPULATION PER ANNUM.		Ratio of male deaths to every 100 female deaths.	
		Males.	Females.	Total.	Cholera.	Small-pox.	Fever.	Bowel-complaints.	Injury.	Other diseases.	All causes.	Cholera.	Small-pox.	Fever.	Bowel-complaints.	Injury.	Other diseases.	All causes.	Ratio of deaths per 1,000 of population in the year.	Ratio of deaths per 1,000 of population in the month of the previous year.	Males.	Females.	Ratio of male deaths to every 100 female deaths.										
S.W.A.S.	Bombay	698,295	723,538	1,421,833	1,000	21	2,113	84	20	1,291	133	2	85	12	13,300	72	12	1,441	23,044	23,044	2,034	1,522	35.43	26.98	133								
	Madras	507,130	534,616	1,041,746	264	4	1,943	56	16	1,318	116	26	85	12	13,300	72	12	1,441	23,044	23,044	2,034	1,522	35.43	26.98	133								
MYSORE	Hydrabad	1,344,574	1,273,528	2,618,102	75	19	2,054	101	34	1,370	133	26	85	12	13,300	72	12	1,441	23,044	23,044	2,034	1,522	35.43	26.98	133								
	Hydrabad	3,186,665	3,462,227	6,648,892	22	1	851	93	1	85	12	24	1,441	23,044	23,044	23,044	2,034	1,522	35.43	26.98	133	1,522	1,000	35.43	26.98	133							
MYSORE	Hydrabad	1,344,574	1,273,528	2,618,102	75	19	2,054	101	34	1,370	133	26	85	12	13,300	72	12	1,441	23,044	23,044	2,034	1,522	35.43	26.98	133								
	Hydrabad	3,186,665	3,462,227	6,648,892	22	1	851	93	1	85	12	24	1,441	23,044	23,044	23,044	2,034	1,522	35.43	26.98	133	1,522	1,000	35.43	26.98	133							
MYSORE	Hydrabad	1,344,574	1,273,528	2,618,102	75	19	2,054	101	34	1,370	133	26	85	12	13,300	72	12	1,441	23,044	23,044	2,034	1,522	35.43	26.98	133								
	Hydrabad	3,186,665	3,462,227	6,648,892	22	1	851	93	1	85	12	24	1,441	23,044	23,044	23,044	2,034	1,522	35.43	26.98	133	1,522	1,000	35.43	26.98	133							
MYSORE	Hydrabad	1,344,574	1,273,528	2,618,102	75	19	2,054	101	34	1,370	133	26	85	12	13,300	72	12	1,441	23,044	23,044	2,034	1,522	35.43	26.98	133								
	Hydrabad	3,186,665	3,462,227	6,648,892	22	1	851	93	1	85	12	24	1,441	23,044	23,044	23,044	2,034	1,522	35.43	26.98	133	1,522	1,000	35.43	26.98	133							
MYSORE	Hydrabad	1,344,574	1,273,528	2,618,102	75	19	2,054	101	34	1,370	133	26	85	12	13,300	72	12	1,441	23,044	23,044	2,034	1,522	35.43	26.98	133								
	Hydrabad	3,186,665	3,462,227	6,648,892	22	1	851	93	1	85	12	24	1,441	23,044	23,044	23,044	2,034	1,522	35.43	26.98	133	1,522	1,000	35.43	26.98	133							
MYSORE	Hydrabad	1,344,574	1,273,528	2,618,102	75	19	2,054	101	34	1,370	133	26	85	12	13,300	72	12	1,441	23,044	23,044	2,034	1,522	35.43	26.98	133								
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MYSORE	Hydrabad	1,344,574	1,273,528	2,618,102	75	19	2,054	101	34	1,370	133	26	85	12	13,300	72	12	1,441	23,044	23,044	2,034	1,522	35.43	26.98	133								
	Hydrabad	3,186,665	3,462,227	6,648,892	22	1	851	93	1	85	12	24	1,441	23,044	23,044	23,044	2,034	1,522	35.43	26.98	133	1,522	1,000	35.43	26.98	133							
MYSORE	Hydrabad	1,344,574	1,273,528	2,618,102	75	19	2,054	101	34	1,370	133	26	85	12	13,300	72	12	1,441	23,044	23,044	2,034	1,522	35.43	26.98	133								
	Hydrabad	3,186,665	3,462,227	6,648,892	22	1	851	93	1	85	12	24	1,441	23,044	23,044	23,044	2,034	1,522	35.43	26.98	133	1,522	1,000	35.43	26.98	133							
MYSORE	Hydrabad	1,344,574	1,273,528	2,618,102	75	19	2,054	101	34	1,370	133	26	85	12	13,300	72	12	1,441	23,044	23,044	2,034	1,522	35.43	26.98	133								
	Hydrabad	3,186,665	3,462,227	6,648,892	22	1	851	93	1	85	12	24	1,441	23,044	23,044	23,044	2,034	1,522	35.43	26.98	133	1,522	1,000	35.43	26.98	133							
MYSORE	Hydrabad	1,344,574	1,273,528	2,618,102	75	19	2,054	101	34	1,370	133	26	85	12	13,300	72	12	1,441	23,044	23,044	2,034	1,522	35.43	26.98	133								
	Hydrabad	3,186,665	3,462,227	6,648,892	22	1	851	93	1	85	12	24	1,441	23,044	23,044	23,044	2,034	1,522	35.43	26.98	133	1,522	1,000	35.43	26.98	133							
MYSORE	Hydrabad	1,344,574	1,273,528	2,618,102	75	19	2,054	101	34	1,370	133	26	85	12	13,300	72	12	1,441	23,044	23,044	2,034	1,522	35.43	26.98	133								
	Hydrabad	3,186,665	3,462,227	6,648,892	22	1	851	93	1	85	12	24	1,441	23,044	23,044	23,044	2,034	1,522	35.43	26.98	133	1,522	1,000	35.43	26.98	133							
MYSORE	Hydrabad	1,344,574	1,273,528	2,618,102	75	19	2,054	101	34	1,370	133	26	85	12	13,300	72	12	1,441	23,044	23,044	2,034	1,522	35.43	26.98	133								
	Hydrabad	3,186,665	3,462,227	6,648,892	22	1	851	93	1	85	12	24	1,441	23,044	23,044	23,044	2,034	1,522	35.43	26.98	133	1,522	1,000	35.43	26.98	133							
MYSORE	Hydrabad	1,344,574	1,273,528	2,618,102	75	19	2,054	101	34	1,370	133	26	85	12	13,300	72	12	1,441	23,044	23,044	2,034	1,522	35.43	26.98	133								
	Hydrabad	3,186,665	3,462,227	6,648,892	22	1	851	93	1	85	12	24	1,441	23,044	23,044	23,044	2,034	1,522	35.43	26.98	133	1,522	1,000	35.43	26.98	133							
MYSORE	Hydrabad	1,344,574	1,273,528	2,618,102	75	19	2,054	101	34	1,370	133	26	85	12	13,300	72	12	1,441	23,044	23,044	2,034	1,522	35.43	26.98	133								
	Hydrabad	3,186,665	3,462,227	6,648,892	22	1	851	93	1	85	12	24	1,441	23,044	23,044	23,044	2,034	1,522	35.43	26.98	133	1,522	1,000	35.43	26.98	133							
MYSORE	Hydrabad	1,344,574	1,273,528	2,618,102	75	19	2,054	101	34	1,370	133	26	85	12	13,300	72	12	1,441	23,044	23,044	2,034	1,522	35.43	26.98	133								
	Hydrabad	3,186,665	3,462,227	6,648,892	22	1	851	93	1	85	12	24	1,441	23,044	23,044	23,044	2,034	1,522	35.43	26.98	133	1,522	1,000	35.43	26.98	133							
MYSORE	Hydrabad	1,344,574	1,273,528	2,618,102	75	19	2,054	101	34	1,370	133	26	85	12	13,300	72	12	1,441	23,044	23,044	2,034	1,522	35.43	26.98	133								
	Hydrabad	3,186,665	3,462,227	6,648,892	22	1	851	93	1	85	12	24	1,441	23,044	23,044	23,044	2,034	1,522	35.43	26.98	133	1,522	1,000	35.43	26.98	133							
MYSORE	Hydrabad	1,344,574	1,273,528	2,618,102	75	19	2,054	101	34	1,370	133	26	85	12	13,300	72	12	1,441	23,044	23,044	2,034	1,522	35.43	26.98	133								
	Hydrabad	3,186,665	3,462,227	6,648,892	22	1	851	93	1	85	12	24	1,441	23,044	23,044	23,044	2,034	1,522	35.43	26.98	133	1,522	1,000	35.43	26.98	133							
MYSORE	Hydrabad	1,344,574	1,273,528	2,618,102	75	19	2,054	101	34	1,370	133	26	85	12	13,300	72	12	1,441	23,044	23,044	2,034	1,522	35.43	26.98	133								
	Hydrabad	3,186,665	3,462,227	6,648,892	22	1	851	93	1	85	12	24	1,441	23,044	23,044	23,044	2,034	1,522	35.43	26.98	133	1,522	1,000	35.43	26.98	133							
MYSORE	Hydrabad	1,344,574	1,273,528	2,618,102	75	19	2,054	101	34	1,370	133	26	85	12	13,300	72	12	1,441	23,044	23,044	2,034	1,522	35.43	26.98	133								
	Hydrabad	3,186,665	3,462,227	6,648,892	22	1	851	93	1	85	12	24	1,441	23,044	23,044	23,044	2,034	1,522	35.43	26.98	133	1,522	1,000	35.43	26.98	133							
MYSORE	Hydrabad	1,344,574	1,273,528	2,618,102	75	19	2,054	101	34	1,370	133	26	85	12	13,300	72	12	1,441	23,044	23,044	2,034	1,522	35.43	26.98	133								
	Hydrabad	3,186,665	3,462,227	6,648,892	22	1	851	93	1	85	12	24	1,441	23,044	23,044	23,044	2,034	1,522	35.43	26.98	133	1,522	1,000	35.43	26.98	133							
MYSORE	Hydrabad	1,344,574	1,273,528	2,618,102	75	19	2,054	101	34	1,370	133	26	85	12	13,300	72	12	1,441	23,044	23,044	2,034	1,522	35.43	26.98	133								
	Hydrabad	3,186,665	3,462,227	6,648,892	22	1	851	93	1	85	12	24	1,441	23,044	23,044	23,044	2,034	1,522	35.43	26.98	133	1,522	1,000	35.43	26.98	133							
MYSORE	Hydrabad	1,344,574	1,273,528	2,618,102	75	19	2,054	101	34	1,370	133	26	85	12	13,300	72	12	1,441	23,044	23,044	2,034	1,522	35.43	26.98	133								
	Hydrabad	3,186,665	3,462,227	6,648,892	22	1	851	93	1	85	12	24	1,441	23,044	23,044	23,044	2,034	1,522	35.43	26.98	133	1,522	1,000	35.43	26.98	133							
MYSORE	Hydrabad	1,344,574	1,273,528	2,618,102	75	19	2,054	101	34	1,370	133	26	85	12	13,300	72	12	1,441	23,044	23,044	2,034	1,522	35.43	26.98	133								
	Hydrabad	3,186,665	3,462,227	6,648,892	22	1	851	93	1	85	12	24	1,441	23,044	23,044	23,044	2,034	1,522	35.43	26.98	133	1,522	1,000	35.43	26.98	133							
MYSORE	Hydrabad	1,344,574	1,273,528	2,618,102	75	19	2,054	101	34	1,370	133	26	85	12	13,300																		

[illegible]

**R. LIDDERDALE, M.D., Deputy Surgeon-General,
Sanitary Commissioner for Bengal.**

REPORT OF THE SANITARY COMMISSIONER FOR BENGAL,
The 30th June 1894.

MEMORANDA.

THE annexed table, exhibiting the vital statistics of the first class Municipalities in Bengal for the week ending 14th June 1884, furnishes the following results:—

1. That the birth-rate in these Municipalities was 16.5 per 1,000 of population against very nearly the same proportion in the preceding week ending 7th June, viz. 16.7, and the death-rate 27.1 against 29.3 per 1,000.

2. That the following Municipalities returned the highest proportions of births and deaths:—

<i>Births.</i>		<i>Deaths.</i>	
	Ratio per mille.		Ratio per mille.
Chittagong ...	32.9	Bhagulpore ...	73.4
		Burdwan ...	36.6
		Suburbs of Calcutta ...	34.5
		Beauleah ...	31.5
		Gya ...	31.4
		Ch pra ...	31.3

3. That the mean-rates at which the population of the Municipalities under notice died from the principal diseases, in comparison with the rates of the preceding week, were—

		Ratio per mille during the weeks ending—	
		14th June 1884.	7th June 1884.
Cholera ...		4.0	4.8
Small-pox ...		1.8	2.9
Fever ...		9.7	11.7
Bowel-complaints ...		3.8	3.3
Injury ...		5	6
Other causes ...		7.3	5.9

The noticeable points indicated by the above figures are that, cholera, small-pox and fever prevailed with diminished severity, particularly the two last-named diseases, and that the diseases returned under the head of "Other causes" were more fatal in their incidence.

4. That while the casualties from fever and injury were nowhere conspicuously heavy, cholera, small-pox, bowel-complaints and "Other causes" proved most fatal to life in the Municipalities named below:—

<i>Cholera.</i>	<i>Small-pox.</i>	<i>Bowel-complaints.</i>	<i>Other causes.</i>
Ratio per mille.	Ratio per mille.	Ratio per mille.	Ratio per mille.
Bhagulpore ... 16.3	Bhagulpore ... 10.9	Bhagulpore ... 10.9	Bhagulpore ... 19.0
Poori ... 12.8	Mozufferpore ... 6.1	Beauleah ... 10.5	Suburbs of Cal-
Suburbs of Cal-	Chupra ... 5.9	Serampore ... 9.8	cutta ... 11.2
cutta ... 8.3	Dacca ... 5.2		Burdwan ... 10.7
Arrah ... 6.0			Poori ... 10.7
Durbhanga ... 5.5			
Howrah ... 3.9			
Patna ... 2.3			

5. That the death-rates in relation to Sex, Class and Age stand as indicated below:—

<i>According to Sex.</i>		<i>According to Class.</i>		<i>According to Age.</i>	
	Ratio per mille.		Ratio per mille.		Ratio per mille.
Males ...	29.0	Christians ...	21.7	Under 1 year ...	247.0
Females ...	25.0	Hindus ...	26.7	1 and under 5 years ...	55.5
Ratio of male		Mahomedans ...	28.4	5 and under 10 " ...	19.5
deaths to every		Budhists ...	24.2	10 and under 15 " ...	12.2
100 female				15 and under 20 " ...	19.9
deaths ...	131			20 and under 30 " ...	15.9
				30 and under 40 " ...	16.9
				40 and under 50 " ...	17.5
				50 and under 60 " ...	24.0
				60 years and upwards ...	38.8

B. LIDDERDALE, M.D., Deputy Surgeon-General,

Sanitary Commissioner for Bengal.

The 30th June 1884

Statement showing the Results of the Registration of Births and Deaths in the First Class Municipalities in Bengal during the week ending 14th June 1884.

DISTRICTS.	NAMES OF MUNICIPALITIES.	POPULATION.			BIRTHS.			MORTALITY ACCORDING TO—										Sex.		
								Disease.												
		Males.	Females.	Total.	NUMBER OF—		RATIO PER 1,000 OF POPULATION PER ANNUM.	RATIO PER 1,000 OF POPULATION PER ANNUM.												
		Males.	Females.	Total.	Males.	Females.	Total.	Cholera.	Small-pox.	Fever.	Bowel-complaint.	Injury.	Other causes.	All causes.	Ratio of deaths per 1,000 of population per annum in the previous week.	DEATHS.	Males.	Females.	RATIO PER 1,000 OF POPULATION PER ANNUM.	Ratio of male deaths to every 100 female deaths.
Burduwan	...	13,063	13,017	26,080	6	8	14	...	1	12	4	...	7	24	18.3	16	8	46.1	26.0	200
Minapur	...	16,927	16,633	33,560	7	8	15	...	1	6	2	...	6	16	18.6	11	2	43.0	6.3	700
Hugli and Chinsurah	...	10,179	19,539	29,718	8	4	12	...	...	5	1	...	3	9	8.9	8	1	21.7	2.7	800
Serampore	...	13,559	12,037	25,596	6	9	15	...	...	3	5	...	1	10	13.7	6	4	23.0	10.1	150
Uttarpara	...	3,046	2,404	5,450	2	1	3	...	...	...	...	...	1	1	18.9	1	...	21.1	...	No female deaths.
Howrah	...	60,959	44,639	105,598	21	20	41	...	...	14	3	...	11	37	18.2	22	15	18.8	17.5	140
Suburbs of Calcutta	...	147,305	104,234	251,539	33	33	66	...	...	48	17	...	54	107	35.4	91	73	32.1	37.9	110
Kilmachur	...	15,253	14,314	29,567	6	6	12	...	...	10	...	...	1	12	29.4	6	6	23.5	22.0	100
Banaghat	...	4,025	4,655	8,680	...	...	...	...	...	...	...	...	...	...	15.9	...	...	...	...	...
Santipore	...	13,708	15,979	29,687	4	2	6	...	...	2	...	...	...	2	10.5	...	1	3.8	3.3	100
Jessore	...	4,530	8,665	13,195	1	...	1	...	...	2	...	...	...	...	6.1	...	1	10.8	14.2	100
Rangpore Beaulah	...	10,766	9,035	19,801	1	1	2	...	...	3	4	...	1	12	21.9	7	5	33.8	23.8	140
Darjiling	...	5,629	2,947	8,576	...	...	...	...	...	...	...	...	...	...	6.5	...	...	...	...	...
Dacca	...	42,782	37,379	80,161	12	18	30	...	...	7	5	...	15	37	19.5	18	13	21.0	26.4	94
Hariganj	...	7,905	4,068	11,973	3	...	3	...	...	1	...	...	...	1	...	...	...	6.8	...	No female deaths.
Chittagong	...	13,840	8,790	22,630	10	4	14	...	...	5	...	...	2	8	39.5	3	5	11.7	29.6	60
Cumilla	...	8,158	5,853	14,011	1	...	1	...	...	3	...	...	...	2	13.4	1	4	6.4	33.9	25
Patna City	...	78,782	81,475	160,257	33	17	50	...	...	30	21	...	25	59	33.0	52	37	84.3	23.6	140
Gya	...	38,596	37,831	76,427	19	11	30	...	...	25	1	...	14	43	45.1	23	23	85.3	27.5	130
Arrah	...	20,000	22,505	42,505	8	2	10	...	...	5	3	...	1	16	31.1	5	8	19.8	13.6	100
Morshurpur	...	23,084	19,655	42,739	7	8	15	...	...	8	4	...	3	20	29.7	13	7	28.3	18.5	155
Darbhanga	...	33,774	32,323	66,097	15	12	27	...	...	8	8	...	9	32	39.7	15	17	23.1	27.3	83
Chupra	...	36,044	27,205	63,249	19	6	25	...	...	18	5	...	3	32	25.3	18	11	35.9	29.8	128
Shahdol	...	29,640	27,813	57,453	19	7	26	...	...	19	12	...	21	41	92.3	44	37	77.2	69.2	110
Monghyr	...	38,164	29,586	67,750	8	6	14	...	...	6	2	...	1	12	17.2	8	4	14.3	7.1	200
Patna	...	8,463	6,553	15,016	1	1	2	...	...	6	1	...	...	7	17.3	5	2	30.7	15.9	250
Poori	...	13,027	11,806	24,833	5	4	9	...	...	1	...	...	5	10	15.9	7	5	27.9	23.1	140
Total	...	762,370	619,419	1,381,789	246	176	422	...	...	246	99	...	14	186	29.3	302	235	27.0	25.0	131

A special census of the Europeans in the Darjiling Municipality was recently taken, as the census of this section of the community taken in February 1881 was not complete. The number of the natives remains as in the last census. The ratios have consequently been calculated on the revised population under all heads in this column. The ratios under which have been omitted, inasmuch as the census of the Europeans above attached is not based on a basis of enumeration as in the case of the census of the natives.

		13		14		15		16													
MORTALITY ACCORDING TO—																					
NAMES OF MUNICIPALITIES.		Class.					Age.														
		DEATHS AMONG—					RATIO PER 1,000 OF POPULATION PER ANNUM.					DEATHS.									
		Christians.	Hindus.	Mahomedans.	Buddhists.	Other classes.	Christians.	Hindus.	Mahomedans.	Buddhists.	Other classes.	Under 1 year.	1 and under 5 years.	5 and under 10 years.	10 and under 15 years.	15 and under 20 years.	20 and under 30 years.	30 and under 40 years.	40 and under 50 years.	50 and under 60 years.	60 years and up.
Burdwan	21	3	15-2	45-1	25-1	21-0	82	37-5	165-4	25-9	17-2	17-5	17-5	17-5	17-5	17-5	17-5	17-5	17-5	17-5	17-5
Midnapur	13	8	82	37-5	165-4	25-9	17-2	17-5	17-5	17-5	17-5	17-5	17-5	17-5	17-5	17-5	17-5	17-5	17-5	17-5	17-5
Hughli and Chinsurah	5	4	15-5	35-4	9-8	20-4	11-9	31-2	30-7	0-3	5-9	21-0	12-4	37-2	25-2	25-2	25-2	25-2	25-2	25-2	25-2
Serampore	9	1	9-8	20-4	11-9	31-2	30-7	0-3	5-9	21-0	12-4	37-2	25-2	25-2	25-2	25-2	25-2	25-2	25-2	25-2	25-2
Uttarpara	1	1	9-8	20-4	11-9	31-2	30-7	0-3	5-9	21-0	12-4	37-2	25-2	25-2	25-2	25-2	25-2	25-2	25-2	25-2	25-2
Howrah	82	5	9-8	20-4	11-9	31-2	30-7	0-3	5-9	21-0	12-4	37-2	25-2	25-2	25-2	25-2	25-2	25-2	25-2	25-2	25-2
Suburbs of Calcutta	4	105	58	51-4	35-4	31-2	30-7	0-3	5-9	21-0	12-4	37-2	25-2	25-2	25-2	25-2	25-2	25-2	25-2	25-2	25-2
Kidnagar	11	1	30-7	0-3	5-9	21-0	12-4	37-2	25-2	25-2	25-2	25-2	25-2	25-2	25-2	25-2	25-2	25-2	25-2	25-2	25-2
Ranghat	2	2	5-9	21-0	12-4	37-2	25-2	25-2	25-2	25-2	25-2	25-2	25-2	25-2	25-2	25-2	25-2	25-2	25-2	25-2	25-2
Santipore	4	8	21-0	12-4	37-2	25-2	25-2	25-2	25-2	25-2	25-2	25-2	25-2	25-2	25-2	25-2	25-2	25-2	25-2	25-2	25-2
Jessore	11	25	10-5	14-2	37-1	17-9	17-0	21-7	17-9	17-0	21-7	17-9	17-0	21-7	17-9	17-0	21-7	17-9	17-0	21-7	17-9
Rampore Baulaiah	2	5	17-9	17-0	21-7	17-9	17-0	21-7	17-9	17-0	21-7	17-9	17-0	21-7	17-9	17-0	21-7	17-9	17-0	21-7	17-9
Darjiling	69	29	30-2	27-5	53-5	53-5	53-5	53-5	53-5	53-5	53-5	53-5	53-5	53-5	53-5	53-5	53-5	53-5	53-5	53-5	53-5
Pacca	35	11	29-3	33-0	57-3	57-3	57-3	57-3	57-3	57-3	57-3	57-3	57-3	57-3	57-3	57-3	57-3	57-3	57-3	57-3	57-3
Nawanganj	13	3	21-8	12-0	40-1	40-1	40-1	40-1	40-1	40-1	40-1	40-1	40-1	40-1	40-1	40-1	40-1	40-1	40-1	40-1	40-1
Chittagong	15	5	26-9	25-3	51-5	51-5	51-5	51-5	51-5	51-5	51-5	51-5	51-5	51-5	51-5	51-5	51-5	51-5	51-5	51-5	51-5
Cowallah	26	6	27-9	17-8	47-8	47-8	47-8	47-8	47-8	47-8	47-8	47-8	47-8	47-8	47-8	47-8	47-8	47-8	47-8	47-8	47-8
Pacca City	46	32	60-1	105-0	211-1	211-1	211-1	211-1	211-1	211-1	211-1	211-1	211-1	211-1	211-1	211-1	211-1	211-1	211-1	211-1	211-1
Gya	8	4	9-1	17-0	27-6	27-6	27-6	27-6	27-6	27-6	27-6	27-6	27-6	27-6	27-6	27-6	27-6	27-6	27-6	27-6	27-6
Arrah	12	12	20-7	20-7	20-7	20-7	20-7	20-7	20-7	20-7	20-7	20-7	20-7	20-7	20-7	20-7	20-7	20-7	20-7	20-7	20-7
Mauerpore	5	470	21-7	20-7	28-8	28-8	28-8	28-8	28-8	28-8	28-8	28-8	28-8	28-8	28-8	28-8	28-8	28-8	28-8	28-8	28-8
Durbhanga	25	6	32-9	28-0	58-1	58-1	58-1	58-1	58-1	58-1	58-1	58-1	58-1	58-1	58-1	58-1	58-1	58-1	58-1	58-1	58-1
Chupra	26	6	32-9	28-0	58-1	58-1	58-1	58-1	58-1	58-1	58-1	58-1	58-1	58-1	58-1	58-1	58-1	58-1	58-1	58-1	58-1
Bhagalpore	46	32	60-1	105-0	211-1	211-1	211-1	211-1	211-1	211-1	211-1	211-1	211-1	211-1	211-1	211-1	211-1	211-1	211-1	211-1	211-1
Monghyr	8	4	9-1	17-0	27-6	27-6	27-6	27-6	27-6	27-6	27-6	27-6	27-6	27-6	27-6	27-6	27-6	27-6	27-6	27-6	27-6
Purneah	4	3	22-7	27-6	27-6	27-6	27-6	27-6	27-6	27-6	27-6	27-6	27-6	27-6	27-6	27-6	27-6	27-6	27-6	27-6	27-6
Poori	12	12	20-7	20-7	20-7	20-7	20-7	20-7	20-7	20-7	20-7	20-7	20-7	20-7	20-7	20-7	20-7	20-7	20-7	20-7	20-7
TOTAL	5	470	21-7	20-7	28-8	28-8	28-8	28-8	28-8	28-8	28-8	28-8	28-8	28-8	28-8	28-8	28-8	28-8	28-8	28-8	28-8

R. LIDDERDALE, M.D., Deputy Surgeon-General,
Sanitary Commissioner for Bengal.

OFFICE OF SANITARY COMMISSIONER FOR BENGAL
The 30th June 1884.

PUBLIC WORKS DEPARTMENT, BENGAL.

IRRIGATION BRANCH.

IRRIGATION OPERATIONS FOR THE OFFICIAL YEAR 1881-85.

Areas leased for Irrigation up to the end of May 1884.

CIRCLE.	DISTRICT.	CAVAL.	Esti- mated full dis- charge.	Average discharge in month.	Dis- charge utilized.	Approxi- mate area of land irrigated during the year up to the end of the month.	DETAILS OF AREAS LEASED.										RAINFALL, 1883-84.		REMARKS.		
							Five years. All crops. Khurree.	ANNUAL LEASES.					Grand Total.	RAINFALL, 1884-85.							
								Khur- ree.	Rubbee. cane.	Sugar- cane.	Bhadol. weather.	Total.		During month.	Up to end of month.						
ORISSA	Cuttack	Kendrapara ...	1,209-82	180	24 days discharging. 16 ditto.		
		Gobri ...	372-82	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Pattamondree ...	1,043	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		High Level, Section I, 1st	675	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Taldunda, 2nd	1,345	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
South-Western	Balsore	Taldunda, 2nd	505	...	...	5	...	...	...	...	...	...	...	...	...	...	...	(a) No water was given as the canals remained closed for repairs.
		Resch.	775		24 days discharging. 16 ditto.		
		Matchong	727-16			(a) No water was given as the canals remained closed for repairs.	
		High Level, Section II.	727-16				(a) No water was given as the canals remained closed for repairs.
		High Level, Section III.	727-16				
South-Western	Shahabad	Total	...	...	...	381	...	...	...	...	...	...	...	...	...	...	...	(a) No water was given as the canals remained closed for repairs.
		Midnapore		(a) No water was given as the canals remained closed for repairs.		
		Panchgaurah			(a) No water was given as the canals remained closed for repairs.	
		Tidal Reach, Ranges I & II.				(a) No water was given as the canals remained closed for repairs.
		Total				
South-Western	Patna and Gya	Total of the corresponding period of last year.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	(a) No water was given as the canals remained closed for repairs.
		Western Main...	4,542		(a) No water was given as the canals remained closed for repairs.		
		Buxar ...	1,225			(a) No water was given as the canals remained closed for repairs.	
		Eastern Main ...	1,660				(a) No water was given as the canals remained closed for repairs.
		Patna ...	1,466				
Grand Total	Grand Total of the corresponding period of last year	Total	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	(a) No water was given as the canals remained closed for repairs.
		Western Main...	4,542		(a) No water was given as the canals remained closed for repairs.		
		Patna ...	1,225			(a) No water was given as the canals remained closed for repairs.	
		Eastern Main ...	1,660				(a) No water was given as the canals remained closed for repairs.
		Total	1,466				

The 1st July 1884.

G. F. E. S. NEILL, Major, M.S.C.,
Under-Secy. to the Govt. of Bengal.

PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH, BENGAL.

Statements showing the total amount of Traffic and Tolls on the Canals classed as Productive Public Works for the month of April 1884.

ORISSA CIRCLE.

Tatdundah Canal.

LENGTH OF CANAL OPEN—27½ MILES.

Number of boats.	Nature of Cargo.	APPROXIMATE		TONNAGE OF BOATS.		Ton-milage.	Tollage.	Rate of toll per ton-mile.
		Weight of cargo.	Value of cargo.	Maunds.	Tons.			

LOCAL TRAFFIC.

(1)—PRIVATE.

		Mds.	Rs.				Rs. A. P.	A. P.
ARTICLES OF FOOD.								
9	Paddy	2,746	2,125	4,069	145	1,888	32 0 0	.....
5	Jaggery	1,144	5,729	1,539	55	1,375	14 12 0	.....
STAPLES OF MANUFACTURE.								
1	Mustard seed	10	25	24	1	10	0 4 0	.....
BUILDING MATERIALS.								
1	Tiles of sandstone	255	100	525	19	50	2 10 0	.....
4	Galls	1,832	200	3,146	112	780	15 8 0	.....
5	Laterite rubble	1,550	60	2,500	100	700	15 12 0	.....
1	Sand cutstone	457	50	600	21	588	6 8 0	.....
...	Unwrought timber and piles (246 in number)	.....	575	.....	.....	.....	32 12 0	.....
...	Bamboos (10,800 in number)	.....	355	.....	.....	.....	11 6 6	.....
FUEL.								
2	Charcoal	280	75	415	15	221	4 0 0	.....
MISCELLANEOUS.								
14	Passenger boats	.....	.....	5,977	213	640	28 14 0	.....
81	Empty ditto	.....	.....	17,680	652	8,210	55 14 0	.....
123	Total	8,256	9,265	36,835	1,315	14,474	218 4 6	0 28
72	Total of same month last year	1,033	4,449	27,656	988	3,751	210 6 7	0 107

(2)—STORES AND MATERIALS FOR IRRIGATION WORKS.

	Mds.	Rs.				Rs. A. P.	
Nil	.....	.....	.....	.....	.....	.....	.....
Total	.....	.....	.....	.....	.....	.....	.....
92	Total of same month last year	17,671	654	45,463	1,624	4,572	126 7 2

ABSTRACT.

	Mds.	Rs.				Rs. A. P.
123	Private, including miscellaneous	8,256	9,265	36,835	1,315	14,474
...	Government stores, including ditto	.....	.....	.....	.....	.....
123	Grand Total	8,256	9,265	36,835	1,315	14,474
164	Grand Total of same month last year	15,764	5,103	73,119	2,612	8,623

MEMO.

	Rs. A. P.
Unrecovered balance on the 1st of the month	212 3 8
Amount of tollage for the month	218 4 6
Total	430 8 2
Amount credited in the accounts for the month	231 3 8
Balance at the end of the month	199 4 6

Kendrapara Canal and its Branch to Gundakia on the Gobri River.

LENGTH OF CANAL OPEN—69 MILES.

LOCAL TRAFFIC.

(1)—PRIVATE.

Number of boats.	Nature of Cargo.	APPROXIMATE		TONNAGE OF BOATS.		Ton-mileage.	Tollage.	Rate of toll per ton mile.
		Weight of cargo.	Value of cargo.	Mounds.	Tons.			
	ARTICLES OF FOOD.	Mds.	Rs.				Rs. A. P.	A. P.
124	Paddy	14,500	21,500	28,541	1,019	32,128	379 15 3	.....
165	Rice	54,000	1,62,000	1,01,140	3,719	187,477	1,779 1 7	.....
1	Wheat	100	400	183	7	40	2 10 0	.....
19	Gram	1,400	5,500	2,808	102	3,856	40 2 0	.....
2	Fruits and vegetables	100	30	229	8	84	1 3 5	.....
44	Jaggery	5,000	25,000	9,808	355	7,991	121 7 10	.....
20	Salt	2,600	9,800	5,116	183	4,244	59 10 9	.....
3	Turneric	400	2,000	1,046	37	592	16 4 0	.....
6	Coriander	300	1,500	539	19	542	6 5 3	.....
1	Spices	50	1,000	159	6	240	3 0 3	.....
	STAPLES OF MANUFACTURE.							
5	Hides	1,200	12,000	2,245	80	3,084	41 8 6	.....
1	Mustard seed	200	1,000	511	18	720	7 8 0	.....
	BUILDING MATERIALS.							
1	Brick	100	10	221	8	112	1 0 9	.....
	Unwrought timber and piles (1,503 in number)		1,500				50 4 7	.....
2	Bullahs	200	50	621	22	802	6 12 0	.....
	Bamboos (99,775 in number)		2,000				65 11 3	.....
	FUEL.							
3	Firewood	1,000	100	2,305	82	3,859	38 0 0	.....
	COOKING UTENSILS AND OTHER DOMESTIC IMPLEMENTS.							
12	Earthware and earthenpots	400	20	979	35	536	9 5 8	.....
	MISCELLANEOUS.							
62	Passenger boat			20,847	745	39,821	389 3 2	.....
357	Empty do.			47,400	1,693	60,836	323 5 7	.....
1	Straw	50	20	143	5	75	0 12 0	.....
9	Oil-cake	800	800	1,554	56	1,650	14 12 0	.....
9	Canal water			5,382	192	192	26 6 0	.....
93	Miscellaneous goods	17,000	55,000	30,794	1,314	63,516	663 13 4	.....
2	Gunny	250	1,300	441	16	648	5 7 0	.....
942	Total	99,650	3,02,530	2,72,131	9,718	413,246	4,044 10 7	0 19
767	Total of same month last year	65,250	2,78,460	1,67,877	5,996	243,780	5,102 7 2	0 39

(2)—STORES AND MATERIALS FOR IRRIGATION WORKS.

	BUILDING MATERIALS.	Mds.	Rs.				Rs. A. P.	A. P.
...	Bamboos (4,500 in number)		90				1 6 6	.....
62	Building stones	15,000	250	25,824	922	7,838	186 14 6	.....
2	Lime	400	120	758	27	822	9 4 0	.....
8	Timber (44 in number)	1,500	500	2,701	96	2,254	35 11 2	.....
	FUEL.							
1	Charcoal	20	10	69	2	32	0 4 10	.....
	MISCELLANEOUS.							
67	Empty boats			13,379	549	7,694	57 12 2	.....
2	Stores, &c.	150	300	351	13	549	5 8 0	.....
132	Total	17,070	1,270	45,082	1,009	19,186	297 13 9	0 3
250	Total of same month last year	20,850	13,200	80,071	2,859	82,824	1,231 10 10	0 28

ABSTRACT.

942	Private, including miscellaneous	Mds.	Rs.				Rs. A. P.	
132	Government stores, including ditto	17,070	1,270	45,082	1,009	19,186	297 13 9	.....
1,074	Grand Total	1,16,720	3,03,800	3,17,215	11,327	432,432	4,342 8 4(a)	.....
1,017	Grand Total of same month last year	92,100	2,91,660	2,47,948	8,855	3,26,604	6,334 2 0	.....
	Amount received from Messrs. Bullock & Co. on account of tollage of their steamer						350 0 0	.....
	Amount received, but not included in the returns for May and June 1882						43 0 0	.....
	Amount refunded						6,727 2 0	.....
							3 0 0	.....
							6,724 2 0	.....

(a) Of this, Rs. 288-0-5 is the collection of Gobri Canal Locks, Rs. 1,015-13-4 is the collection of Kendrapara Extension Canal Locks, and Rs. 5,039-10-7 is the collection of Kendrapara Canal Locks.

Kedrapara Canal and its Branch to Gundakia on the Gobri River—concluded.

MEMO.				Rs. A. P.
Unrecovered balance on the 1st of the month	...	...	...	5,288 12 9
Amount of tollage for the month	...	...	...	4,342 8 4
Amount credited in the accounts for the month	...	...	Total	9,631 5 1
Balance at the end of the month	...	...	...	2,133 14 7
				7,497 6 6

High Level Canal, Range I.

LENGTH OF CANAL OPEN—34 MILES.

Number of boats.	Nature of Cargo.	APPROXIMATE.		TONNAGE OF BOATS.		Ton-mileage.	Tollage.	Rate of toll per ton-mile.
		Weight of cargo.	Value of cargo.	Maunds.	Tons.			

LOCAL TRAFFIC.

(1)—PRIVATE.

ARTICLES OF FOOD.				Mds.	Rs.				Rs. A. P.	A. P.
145	Rice	...	...	10,000	30,000	17,373	620	20,548	202 4 3	...
8	Jaggery	...	...	1,700	8,500	2,843	102	1,324	8 13 0	...
31	Salt	...	...	3,870	11,000	5,862	209	6,088	67 15 0	...
1	Cocoanut	...	...	10	20	25	1	34	0 5 0	...
BUILDING MATERIALS.										
6	Telegraph post	...	...	...	...	2,714	97	2,522	14 12 0	...
29	Unwrought timber and piles (116 in number)	...	...	500	1,400	526	19	646	46 6 6	...
2	Bamboos	...	...	100	10	179	6	198	2 2 0	...
FUEL.										
2	Firewood	...	...	100	10	204	7	84	0 8 0	...
MISCELLANEOUS.										
8	Passenger boats	...	...	...	...	780	28	882	9 7 9	...
137	Empty do.	...	...	...	...	14,587	522	13,817	67 3 3	...
32	Straw	...	...	2,500	600	8,917	318	4,112	51 6 6	...
25	Miscellaneous	...	...	900	10,000	2,179	78	2,182	25 4 0	...
417	Total	...	...	19,480	62,140	56,189	2,007	52,937	496 7 3	0 1'8
276	Total of same month last year	...	...	12,770	44,570	44,071	1,576	46,656	1,046 14 0	0 4'3

(2)—STORES AND MATERIALS FOR IRRIGATION WORKS.

BUILDING MATERIALS.				Mds.	Rs.				Rs. A. P.	A. P.
...	Bamboos (3,500 in number)	...	...	...	50	...	...	...	3 4 6	...
MISCELLANEOUS.										
21	Empty boats	...	...	...	...	220	7	235	2 1 0	...
21	Total	...	...	...	50	220	7	235	5 5 6	0 4'3
2	Total of same month last year	...	...	...	20	602	18	594	7 5 6	0 2'9

ABSTRACT.

		Mds.	Rs.					Rs. A. P.	
417	Private, including miscellaneous	19,480	62,140	56,189	2,007	52,937	496 7 3	...	...
21	Government stores, including ditto	...	50	220	7	235	5 5 6	...	...
438	Grand Total	19,480	62,190	56,409	2,014	53,172	501 12 9	...	...
278	Grand Total of same month last year	12,770	44,590	44,573	1,594	47,250	1,054 3 6	...	...

MEMO.				Rs. A. P.
Unrecovered balance on the 1st of the month	...	...	...	129 7 0
Amount of tollage for the month	...	...	...	501 12 9
Amount credited in the accounts for the month	...	...	Total	631 5 9
Balance at the end of the month	...	...	...	425 2 6
				206 1 3

High Level Canal, Range II.

LENGTH OF CANAL OPEN—12½ MILES.

Number of boats.	Nature of Cargo.	APPROXIMATE		TONNAGE OF BOATS.		Ton-mileage.	Tollage.	Rate of toll per ton-mile.
		Weight of cargo.	Value of cargo.	Maunds.	Tons.			

LOCAL TRAFFIC.

(1)—PRIVATE.

ARTICLES OF FOOD.		Mds.	Rs.				Rs. A. P.	A. P.
5	Paddy	400	600	603	25	250	4 8 0	.....
51	Rice	5,900	17,800	12,137	433	5,581	75 3 0	.....
1	Pulses and other crops	200	800	327	12	144	2 0 0	.....
6	Salt	1,500	6,000	2,530	90	697	15 12 0	.....
1	Spices	100	500	192	7	84	1 3 0	.....
BUILDING MATERIALS.								
1	Gooding lime	200	50	420	15	75	2 10 0	.....
...	Unwrought timber and piles (1,203 in number) ... ..	.....	5,500	.....	.....	.....	57 3 6	.....
...	Bamboos (5,530 in number) ... ..	.....	110	.....	.....	.....	2 1 6	.....
MISCELLANEOUS.								
5	Passenger boats ... ..	.....	.....	631	23	290	3 0 0	.....
97	Empty boats ... ..	.....	.....	8,182	292	3,570	25 3 0	.....
1	Soap stone	200	200	423	15	105	2 10 0	.....
6	Telegraph posts ... ..	.....	.....	2,759	100	1,228	17 4 0	.....
...	Small doughts (140 in number) ... ..	.....	.....	.....	.....	.....	38 10 0	.....
404	Total	8,500	29,560	28,294	1,012	12,024	247 4 0	0 4'0
72	Total of same month last year	2,300	8,850	20,696	737	8,892	308 1 0	0 5'8

(2)—STORES AND MATERIALS FOR IRRIGATION WORKS.

BUILDING MATERIALS.		Mds.	Rs.				Rs. A. P.	A. P.
16	Building stones	5,500	80	9,507	340	4,068	58 15 0	.....
9	Gravel	2,500	30	4,497	161	909	28 0 0	.....
2	Bena grass	100	20	277	10	129	1 11 0	.....
FUEL.								
31	Firewood	5,000	500	11,203	400	3,260	69 2 0	.....
MISCELLANEOUS.								
55	Empty boats ... ..	.....	.....	11,137	398	3,534	34 3 3	.....
...	Small doughts (10 in number) ... ..	.....	.....	.....	.....	.....	20 8 0	.....
113	Total	13,100	630	36,621	1,309	11,948	212 7 3	0 4'0
87	Total of same month last year	14,300	370	34,093	1,217	14,130	369 1 0	0 5'8

ABSTRACT.

	Mds.	Rs.				Rs. A. P.	
204	Private, including miscellaneous	8,500	29,560	28,294	1,012	12,024	247 4 0
113	Government stores, including ditto	13,100	630	36,621	1,309	11,948	212 7 3
317	Grand Total	21,600	30,190	64,915	2,321	23,972	459 11 3
159	Grand Total of same month last year	16,600	9,220	54,759	1,954	21,021	377 2 9

	Memo.	Rs. A. P.
Unrecovered balance on the 1st of the month	648 12 9
Amount of tollage for the month	459 11 3
Total	1,108 8 0
Amount credited in the accounts for the month	171 11 0
Balance at the end of the month	936 13 0

High Level Canal, Range III.

LENGTH OF CANAL OPEN—20 MILES.

Number of boats.	Nature of Cargo.	APPROXIMATE		TONNAGE OF BOATS.		Ton-mileage.	Tollage.	Rate of toll per ton-mile.
		Weight of cargo.	Value of cargo.	Mauuds.	Tons.			

LOCAL TRAFFIC.

(1)—PRIVATE.

ARTICLES OF FOOD.		Mds.	Rs.				Rs. A. P.	A. P.
55	Rice	4,000	10,000	7,092	253	1,265	44 6 0	.....
1	Pulses and other crops	200	800	318	11	198	2 0 0	.....
MISCELLANEOUS.								
3	Passenger boat ... ..	.....	.....	418	15	232	2 9 0	.....
50	Empty do. ... ..	.....	.....	1,314	47	412	7 6 9	.....
102	Total	4,200	10,800	9,142	326	2,127	56 6 6	0 5 1
42	Total of same month last year	350	1,300	15,448	552	9,936	193 2 8	0 3 3

(2)—STORES AND MATERIALS FOR IRRIGATION WORKS.

BUILDING MATERIALS.		Mds.	Rs.				Rs. A. P.	A. P.
3	Brick	600	40	1,134	40	280	7 0 6	.....
4	Building stones	1,700	40	2,887	103	706	17 11 0	.....
1	Lime	800	150	1,442	52	884	8 15 0	.....
11	Kurkatcha	3,000	50	5,747	205	2,665	35 14 0	.....
MISCELLANEOUS.								
19	Empty boats ... ..	.....	.....	4,392	157	1,570	13 9 3	.....
38	Total	6,100	280	15,602	557	6,105	83 1 9	0 2 6
16	Total of same month last year	2,200	40	5,219	183	1,488	57 13 0	0 7 5

ABSTRACT.

	Mds.	Rs.				Rs. A. P.	A. P.
109	Private, including miscellaneous	4,200	10,800	9,142	326	2,127	56 6 6
38	Government stores, including ditto	6,100	280	15,602	557	6,105	83 1 9
147	Grand Total	10,300	11,080	24,744	883	8,232	139 8 5
58	Grand Total of same month last year	2,550	1,340	20,667	738	11,424	250 15 8

MEMO.

	Rs. A. P.
Unrecovered balance on the 1st of the month	328 7 0
Amount of tollage for the month	139 8 3
Total	467 15 3
Amount credited in the accounts for the month	58 14 0
Balance at the end of the month	409 1 3

SOUTH-WESTERN CIRCLE.

Midnapore Canal.

LENGTH OF CANAL OPEN—53 MILES.

Number of boats.	Nature of Cargo.	APPROXIMATE		TONNAGE OF BOATS.		Ton-milage.	Tollage.	Rate of toll per ton-mile.
		Weight of cargo.	Value of cargo.	Maunds.	Tons.			

LOCAL TRAFFIC.

(1)—PRIVATE.

ARTICLES OF FOOD.		c	Mds.	Rs.				Rs. A. P.	A. P.
223	Paddy	...	35,665	39,658	70,830	...	...	1,187 15 3	...
243	Rice	...	39,127	84,512	95,625	...	...	1,671 12 6	...
104	Gram	...	16,785	47,275	38,030	...	...	379 8 0	...
347	Fruits and vegetables	...	25,660	35,820	64,885	...	...	418 8 0	...
34	Sugar, unrefined	...	4,265	15,805	16,675	...	...	81 0 3	...
114	Salt	...	36,720	96,278	76,310	...	...	873 11 6	...
1	Oil	...	100	750	250	...	...	2 3 0	...
1	Spices	...	100	400	325	...	...	2 13 6	...
7	Betelnuts	...	930	8,230	2,035	...	...	22 0 0	...
39	Betel leaves	...	949	5,258	4,765	...	...	32 8 0	...
3	Cocoanuts (No. 1950)	...	145	60	320	...	...	4 0 3	...
23	Curd	...	2,485	4,995	7,180	...	...	63 12 3	...
STIMULANTS.									
30	Tobacco	...	3,600	20,370	8,225	...	...	83 4 3	...
CLOTHING.									
7	Cotton piece-goods (Indian)	...	70	7,000	550	...	...	4 1 0	...
7	Ditto ditto (European)	...	850	80,200	2,100	...	...	26 11 6	...
STAPLES OF MANUFACTURE.									
32	Brass	...	3,275	1,54,725	12,625	...	...	110 7 6	...
13	Copper	...	3,620	1,23,100	7,950	...	...	69 9 0	...
3	Silk	...	40	8,190	395	...	...	3 2 6	...
5	Cotton	...	600	11,500	1,950	...	...	14 11 0	...
33	Cotton twist and yarn (European)	...	5,939	1,88,500	12,400	...	...	117 0 6	...
4	Jute	...	450	1,800	1,325	...	...	11 9 6	...
10	Hides (6,180 in number)	...	1,810	12,430	4,180	...	...	56 10 3	...
23	Linseed	...	6,050	19,100	12,400	...	...	147 6 6	...
1	Other oil-seeds	...	300	3,000	600	...	...	5 4 0	...
41	Mustard seed	...	8,820	35,125	18,845	...	...	168 1 9	...
1	Til seed	...	300	900	700	...	...	6 2 0	...
BUILDING MATERIALS.									
1	Brick (8,000 in number)	...	500	48	1,000	...	...	3 12 0	...
1	Tiles (250 in number)	...	25	15	175	...	...	0 10 6	...
1	Ghooting lime	...	200	80	500	...	...	4 6 0	...
3	Sand	...	650	65	1,300	...	...	4 14 0	...
105	Unwrought timber and piles (4,035 in number)	...	13,167	14,916	18,014	...	...	316 10 6	...
9	Bamboos (345 in number)	...	60	42	593	...	...	2 12 0	...
FUEL.									
17	Coal and coke	...	8,075	2,147	14,975	...	...	295 7 6	...
33	Charcoal	...	11,075	6,799	26,660	...	...	329 5 0	...
5	Firewood	...	970	295	2,025	...	...	32 9 6	...
COOKING UTENSILS AND OTHER DOMESTIC IMPLEMENTS.									
34	Earthenware and pots	...	5,076	807	8,060	...	...	48 6 9	...
4	Etone plates	...	660	1,570	1,450	...	...	29 0 6	...
MISCELLANEOUS.									
810	Passenger boats	...	...	...	41,945	...	...	318 1 0	...
1,228	Empty boats	...	...	...	1,16,410	...	...	894 13 0	...
26	Straw (560 kahuns)	...	5,955	1,744	15,850	...	...	80 10 0	...
7	Oil-cake	...	730	830	2,000	...	...	19 7 0	...
5	Furniture	...	340	785	930	...	...	23 8 6	...
2	Mats	...	150	900	372	...	...	5 10 0	...
61	Miscellaneous	...	6,075	8,950	15,040	...	...	126 14 2	...
18	Other oils	...	3,555	16,670	7,872	...	...	93 0 6	...
2	Other saline substances	...	360	316	672	...	...	8 6 6	...
4	Saji	...	900	1,350	1,900	...	...	28 8 0	...
...	Demurrage, &c.	...	...	...	...	...	...	42 8 9	...
3,714	Total	...	2,54,079	10,63,181	7,31,937	26,140	4,81,304	7,574 5 9	0 3 0
4,362	Total of same month last year	...	3,61,966	13,36,099	9,37,389	33,478	6,46,254	10,236 12 0	0 3 4

(2)—STORES AND MATERIALS FOR IRRIGATION WORKS—Nil.

Midnapore Canal—concluded.

Number of Boats.	Nature of Cargo.	APPROXIMATE		TONNAGE OF BOATS.		Ton-mileage.	Tollage.	Rate of toll per ton-mile.
		Weight of cargo.	Value of cargo.	Maunds.	Tons.			
3,714	Private, including miscellaneous ...	2,54,079	10,63,181	7,31,937	26,140	481,304	7,574 3 9	.....
...	Government stores, including ditto ...	.....	.....	.....	.....	.....	.....	.....
3,714	Grand Total ...	2,54,079	10,63,181	7,31,937	26,140	481,304	7,574 3 9*	.....
4,348	Grand Total of same month last year ...	3,61,966	13,36,009	9,37,389	33,478	646,254	10,236 12 0	.....

* This includes tolls on the Narainchur channel, amounting to Rs. 141-8.

MEMO.		Rs. A. P.	
Unrecovered balance on the 1st of the month	...	1,041	5 11
Amount of tollage for the month	...	7,574	3 9
Amount credited in the accounts for the month	...	8,615	9 8
Balance at the end of the month	...	7,149	4 0
		1,466	5 8

Hidgellie Tidal Canal.

LENGTH OF CANAL OPEN—29 MILES.

LOCAL TRAFFIC.

(1)—PRIVATE.

	ARTICLES OF FOOD.	Mds.	Rs.				Rs. A. P.	A. P.
380	Paddy ...	74,420	77,854	1,46,640	.....	.....	2,102 6 6	.....
162	Rice ...	27,718	54,768	60,235	.....	.....	573 1 6	.....
4	Gram ...	1,153	800	2,350	.....	.....	16 2 6	.....
52	Fruits and vegetables ...	2,600	4,469	7,440	.....	.....	110 8 3	.....
10	Jaggery ...	1,705	4,250	3,990	.....	.....	65 2 9	.....
51	Salt ...	10,340	25,065	24,590	.....	.....	340 1 0	.....
32	Oil ...	2,320	23,200	7,720	.....	.....	117 11 0	.....
	STIMULANTS.							
136	Tobacco ...	9,916	57,551	29,050	.....	.....	390 6 9	.....
	CLOTHING.							
28	Cotton piece-goods (European) ...	1,550	36,625	7,370	.....	.....	88 13 6	.....
	STAPLES OF MANUFACTURE.							
2	Iron ...	400	2,150	900	.....	.....	10 11 0	.....
1	Cotton ...	50	1,000	225	.....	.....	4 1 3	.....
7	Jute ...	1,700	3,275	3,525	.....	.....	41 10 9	.....
4	Hides ...	300	5,300	700	.....	.....	10 7 0	.....
1	Bones ...	100	10	200	.....	.....	1 6 0	.....
5	Mustard seed ...	500	1,150	1,125	.....	.....	7 11 9	.....
	BUILDING MATERIALS.							
2	Tiles ...	100	20	600	.....	.....	4 2 0	.....
5	Ghooting lime ...	680	305	1,440	.....	.....	10 14 3	.....
1	Sand ...	100	59	250	.....	.....	1 11 6	.....
10	Unwrought timber and piles ...	880	955	1,520	.....	.....	21 4 9	.....
2	Beams and bargahs ...	80	60	170	.....	.....	3 0 9	.....
5	Bamboos ...	950	565	2,025	.....	.....	13 14 9	.....
	FUEL.							
13	Coal and coke ...	3,350	836	6,850	.....	.....	84 5 3	.....
14	Firewood ...	510	319	1,880	.....	.....	12 14 6	.....
	COOKING UTENSILS AND OTHER DOMESTIC IMPLEMENTS.							
3	Earthenware and earthen pots ...	220	95	375	.....	.....	4 3 6	.....
	MISCELLANEOUS.							
40	Passenger boats ...	.....	.....	2,740	.....	.....	30 10 3	.....
594	Empty do. ...	.....	.....	71,723	.....	.....	830 2 0	.....
70	Straw ...	15,490	7,578	34,600	.....	.....	251 9 0	.....
1	Furniture ...	60	100	125	.....	.....	0 13 9	.....
11	Mats ...	1,640	4,985	4,330	.....	.....	34 4 3	.....
10	Miscellaneous ...	235	890	625	.....	.....	8 8 3	.....
1,690	Total ...	1,50,374	3,14,625	4,25,275	15,188	295,686	5,283 11 3	0 3 4
1,055	Total of same month last year ...	1,49,581	2,11,601	3,56,980	12,749	282,539	4,944 3 9	0 3 3

(2)—STORES AND MATERIALS FOR IRRIGATION WORKS.

	BUILDING MATERIALS.	Mds.	Rs.				Rs. A. P.	A. P.
34	Ghooting ...	4,560	333	8,400	.....	.....	94 8 0	.....
	FUEL.							
5	Coal ...	2,250	562	3,820	.....	.....	69 5 0	.....
	MISCELLANEOUS.							
3	Stores, &c. ...	550	2,700	1,400	.....	.....	25 6 0	.....
42	Total ...	7,360	3,595	13,620	487	10,812	189 3 3	0 3 3
5	Total of same month last year ...	2,140	2,540	5,955	442	4,106*	71 13 6	0 3 3

Hidgellee Tidal Canal—concluded.

Number of boats.	Nature of Cargo.	APPROXIMATE		TONNAGE OF BOATS.		Ton-mileage.	Tollage.	Rate of toll per ton-mile.
		Weight of cargo.	Value of cargo.	Maunds.	Tons.			

ABSTRACT.

		Mds.	Rs.				Rs. A. P.	
1,600	Private, including miscellaneous ...	1,59,374	3,14,025	4,25,275	15,188	295,786	5,283 11 3	.....
42	Government stores, including ditto ...	7,990	5,595	13,025	487	10,812	189 3 3	.....
1,702	Grand Total ...	1,66,734	3,18,220	4,38,900	15,675	306,498	5,472 14 6	.....
1,060	Grand Total of same month last year ...	1,51,721	2,14,141	3,60,945	12,891	286,945	5,016 1 3	.....

MEMO.

		Rs. A. P.
Unrecovered balance on the 1st of the month ...	...	308 14 9
Amount of tollage for the month ...	...	5,472 14 6
Amount credited in the accounts for the month ...	Total	5,781 13 3
Balance at the end of the month ...	...	4,469 15 6
		1,311 13 9

SONE CIRCLE.

Eastern Main and Patna Canals.

LENGTH OF CANAL OPEN—86½ MILES.

LOCAL TRAFFIC.

(1)—PRIVATE.

	ARTICLES OF FOOD.	Mds.	Rs.				Rs. A. P.	A. P.
1	Paddy ...	40	55	89	21	1304	1 3 9	.....
4	Rice ...	378	478	482	422	1,5384	15 7 0	.....
1	Wheat ...	600	1,200	879	314	2,418	25 11 3	.....
1	Gram ...	70	140	206	71	109	1 10 0	.....
14	Salt ...	4,297	10,997	6,428	2254	16,3134	178 7 6	.....
1	Ghee ...	100	2,500	169	6	409	4 11 0	.....
	STIMULANTS.							
15	Opium ...	2,890	90,000	5,954	2124	17,670	180 7 6	.....
2	Do. leaves ...	375	110	787	24	1,518	17 9 3	.....
1	Tobacco ...	590	1,780	1,439	514	3,8074	32 15 3	.....
	CLOTHING.							
1	Cotton piece-goods (Indian) ...	200	1,000	321	114	6554	6 7 6	.....
	STAPLES OF MANUFACTURE.							
4	Iron ...	400	1,400	1,551	551	4,3214	42 7 0	.....
4	Hides ...	550	2,850	1,015	36	2,197	22 0 9	.....
70	Linseed ...	21,242	62,906	28,679	1,0234	75,070	774 14 9	.....
1	Glass ...	20	40	56	2	82	0 12 3	.....
	BUILDING MATERIALS.							
3	Building stores ...	50	25	84	3	60	0 4 6	.....
7	Stone lime ...	1,900	700	2,693	964	8,013	81 4 0	.....
16	Bullahs (No. 52106) ...	2,855	41,265	5,707	206	4,703	774 15 9	.....
	Bamboos (No. 2,031,299) ...							
	Ditto hill (No. 146,616) ...							
	LIVE-STOCK.							
1	Sheep and goat (No. 25) ...	...	30	46	14	61	9 10 3	.....
	FUEL.							
1	Coal and coke ...	275	112	437	154	577	5 11 6	.....
1	Charcoal ...	100	35	229	8	170	1 13 3	.....
	COOKING UTENSILS AND OTHER DOMESTIC IMPLEMENTS.							
1	Mill stones ...	400	100	616	22	1,831	9 6 0	.....
	MISCELLANEOUS.							
38	Miscellaneous ...	4,541	12,590	9,293	532	20,375	208 3 9	.....
6	Passenger boats ...	...	...	676	232	5104	7 14 3	.....
130	Empty do. ...	...	...	13,624	4864	15,890	79 3 9	.....
1	Straw ...	...	...	174	64	1304	1 3 6	.....
2	Coal ...	500	700	712	254	2,103	21 1 6	.....
3	Furniture ...	...	...	574	20	906	11 1 9	.....
1	Basket ...	6	10	9	1	15	0 1 3	.....
1	Khash ...	16	48	115	5	204	0 3 0	.....
5	Gunny-bags ...	59	250	680	244	7444	6 14 6	.....
246	Total ...	42,363	2,31,381	83,796	3,000	182,0354	2,314 13 3	0 2 6
126	Total of same month last year ...	18,178	7,56,370	39,789	1,311	80,202	1,160 13 9	0 2 6

Eastern Main and Patna Canals—concluded.

Number of boats.	Nature of cargo.	APPROXIMATE		TONNAGE OF BOATS.		Ton-mileage.	Tollage.	Rate of toll per ton-mile.
		Weight of cargo.	Value of cargo.	Maunds.	Tons.			
(2)—STORES AND MATERIALS FOR IRRIGATION WORKS.								
	BUILDING MATERIALS.	Mds.	Rs.				Rs. A. P.	A. P.
3	Bricks	1,200	75	1,048	58½	940	6 9 6	.....
10	Tiles	5,000	80	876	20½	326½	3 15 3	.....
2	Timber ... ..	.....	50	135	4½	95	1 0 3	.....
	MISCELLANEOUS.							
3	Empty boats ... ..	.....	.....	595	21½	425	2 4 0	.....
10	Total	6,200	205	2,954	105½	1,786½	13 13 0	0 1¼
7	Total of same month last year ...	1,345	350	2,239	79	2,103	11 4 9	1 0 0

ABSTRACT.

		Mds.	Rs.				Rs. A. P.	
346	Private, including miscellaneous ...	42,363	2,31,381	83,796	3,009	1,82,935½	2,514 13 3	.....
10	Government stores, including ditto...	6,200	205	2,954	105½	1,786½	13 13 0	.....
356	Grand Total	48,563	2,31,586	86,750	3,114½	1,84,721½	2,528 10 3	.....
163	Grand Total of same month last year ...	19,523	7,56,920	41,028	1,390	88,395	1,172 2 6	.....

MEMO.

Rs. A. P.

Unrecovered balance on the 1st of the month ...	...	...	...	100 10 0
Amount of tollage for the month ...	...	...	...	2,523 10 3
Total ...				2,629 5 0
Amount credited in the accounts for the month ...	...	...	...	2,153 2 0
Balance at the end of the month ...	...	...	...	476 2 3

Western Main Canal.

LENGTH OF CANAL OPEN—22 MILLS.

LOCAL TRAFFIC.

(1)—PRIVATE.

		Mds.	Rs.				Rs. A. P.	A. P.
Nil	...	.....	.....	.....	.....	.....	.....	.....
Total	...	.....	.....	.....	.....	.....	.....	.....
29	Total of same month last year ...	11,419	34,157	16,275	580	6,132	102 11 0	0 ¼

(2)—STORES AND MATERIALS FOR IRRIGATION WORKS.

		Mds.	Rs.				Rs. A. P.	
Nil
Total
Total of same month last year

ABSTRACT.

		Mds.	Rs.				Rs. A. P.	
Private, including miscellaneous ...	...	.....	.....	.....	.....	.....	.....	.....
Government stores, including ditto ...	...	.....	.....	.....	.....	.....	.....	.....
Grand Total	...	.....	.....	.....	.....	.....	.....	.....
29	Grand Total of same month last year ...	11,419	34,157	16,275	580	6,132	102 11 0	.....

* Canal closed for silt clearance, &c.

Arrah Canal.

LENGTH OF CANAL OPEN—65 MILES.

Number of boats.	Nature of Cargo.	APPROXIMATE		TONNAGE OF BOATS.		Ton-mileage.	Tollage.	Rate of toll per ton-mile.
		Weight of cargo.	Value of cargo.	Maunds.	Tons.			

LOCAL TRAFFIC.

(1)—PRIVATE.

		Mds.	Rs.				Rs. A. P.	A. P.
Nil	...	...	...	...	...	...	...	...
	Total	...	...	...	...	...	...	...
128	Total of same month last year	24,055	1,59,302	30,944	1,420	83,651	850 10 9	0 1 9

(2) STORES AND MATERIALS FOR IRRIGATION WORKS.

		Mds.	Rs.				Rs. A. P.	A. P.
Nil	...	...	...	...	...	...	...	...
	Total	...	...	...	...	...	...	...
8	Total of same month last year	1,187	691	2,311	81	3,636	36 2 0	0 1 8

ABSTRACT.

		Mds.	Rs.				Rs. A. P.	
...	Private, including miscellaneous	...	...	...	...	...	...	...
...	Government stores, including ditto	...	...	...	...	...	...	...
...	Grand Total	...	...	...	...	...	...	...
136	Grand Total of same month last year	25,242	1,60,082	42,255	1,501	87,287	886 12 9	...

MEMO.

Rs. A. P.

Unrecovered balance on the 1st of the month	...	...	...	...	...	4 1 0
Amount of tollage for the month	...	...	...	...	...	...
Amount credited in the accounts for the month	...	...	...	...	...	4 1 0
Balance at the end of the month	...	...	...	...	...	1 2 6
					Total	2 14 6

Canal closed for silt clearance, &c.

Buxar Canal.

LENGTH OF CANAL OPEN—45 MILES.

LOCAL TRAFFIC.

(1)—PRIVATE.

		Mds.	Rs.				Rs. A. P.	Rs. A.
Nil	...	...	...	...	...	...	...	...
	Total	...	...	...	...	...	...	...
47	Total of same month last year	5,679	8,143	9,448	335	12,724	500 2 9	0 8 4

(2)—STORES AND MATERIALS FOR IRRIGATION WORKS—Nil.

ABSTRACT.

		Mds.	Rs.				Rs. A. P.	
...	Private, including miscellaneous	...	...	...	...	...	...	...
...	Government stores, including ditto	...	...	...	...	...	...	...
...	Grand Total	...	...	...	...	...	...	...
47	Grand Total of same month last year	5,679	8,143	9,448	335	12,724	500 2 9	...

MEMO.

Rs. A. P.

Unrecovered balance on the 1st of the month	...	...	...	...	...	35 9 9
Amount of tollage for the month	...	...	...	...	...	...
Amount credited in the accounts for the month	...	...	...	...	...	35 9 9
Balance at the end of the month	...	...	...	...	...	4 8 6
					Total	31 1 3

* Canal closed for silt clearance, &c.

ABSTRACT FOR THE MONTH OF APRIL 1884.

CANAL.	TRAFFIC, 1884-85.		TRAFFIC, 1883-84.		REMARKS.
	During the month.	To end of the month.	During the corresponding month.	To end of the corresponding month.	
ORISSA CIRCLE.					
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	
Taldunda	218 4 6	218 4 6	336 13 9	336 13 9	
Kendrapara	4,342 8 4	4,342 8 4	6,724 2 0	6,724 2 0	
High Level, Range I	501 12 9	501 12 9	1,054 3 6	1,054 3 6	
Ditto, ditto II	459 11 3	459 11 3	677 2 9	677 2 9	
Ditto, ditto III	139 8 3	139 8 3	250 15 8	250 15 8	
Total Orissa Circle	5,661 13 1	5,661 13 1	9,043 5 8	9,043 5 8	
SOUTH-WESTERN CIRCLE.					
Midnapore	7,574 3 9	7,574 3 9	10,236 12 0	10,236 12 0	
Hingalee Tidal	5,472 14 6	5,472 14 6	5,016 1 3	5,016 1 3	
Total South-Western Circle	13,047 2 3	13,047 2 3	15,252 13 3	15,252 13 3	
SONE CIRCLE.					
Eastern Main and Patna	2,528 10 3	2,528 10 3	1,172 2 6	1,172 2 6	Western main series of canals remained closed during the month for silt clearance, &c.
Western Main	.....	.....	102 11 0	102 11 0	
Arrah	.....	.....	886 12 9	886 12 9	
Buxar	.....	.....	509 2 9	509 2 9	
Total Sone Circle	2,528 10 3	2,528 10 3	2,670 13 0	2,670 13 0	
GRAND TOTAL	21,237 9 7	21,237 9 7	26,966 15 11	26,966 15 11	

GOVERNMENT TRANSPORT SERVICE.

CANAL.	TRAFFIC, 1884-85.						TRAFFIC, 1883-84.					
	During the month.			To end of the month.			During the corresponding month.			To end of the corresponding month.		
	Passengers.	Goods.	Total receipts.	Passengers.	Goods.	Total receipts.	Passengers.	Goods.	Total receipts.	Passengers.	Goods.	Total receipts.
ORISSA CIRCLE.												
Taldunda and Kendrapara	No. 1,393	Mds. 8,048	Rs. A. P. 4,112 5 3	No. 1,393	Mds. 8,048	Rs. A. P. 4,112 5 3	No. 1,622	Mds. 3,261	Rs. A. P. 0 3	No. 1,622	Mds. 3,261	Rs. A. P. 0 3
High Level	808	2,977	1,000 1 7	808	2,977	1,000 1 7	447	1,270	505 5 7	447	1,270	505 5 7
Total Orissa Circle	2,261	11,025	5,211 6 10	2,261	11,025	5,211 6 10	2,069	1,270	3,766 5 10	2,069	1,270	3,766 5 10
SOUTH-WESTERN CIRCLE.												
Midnapore	18,394	378	750 0 0	18,394	378	750 0 0	11,624	403	1,000 0 0	11,624	403	1,000 0 0
Total South-Western Circle	18,394	378	750 0 0	18,394	378	750 0 0	11,624	403	1,000 0 0	11,624	403	1,000 0 0
SONE CIRCLE.												
Eastern Main and Patna	.....	.....	(a) 300 0 0	.....	.....	300 0 0	417	1,686	434 2 0	417	1,686	434 2 0
Western Main and Buxar	.....	.....	(b) 255 13 0	.....	.....	255 13 0	794	1,525	548 12 9	794	1,525	548 12 9
Arrah	.....	.....	.....	.....	.....	.....	1,075	1,751	843 0 0	1,075	1,751	843 0 0
Total Sone Circle	.....	.....	555 13 0	.....	.....	555 13 0	2,286	4,962	1,825 14 9	2,286	4,962	1,825 14 9
GRAND TOTAL	20,655	11,403	6,517 3 10	20,655	11,403	6,517 3 10	15,979	6,635	6,592 4 7	15,979	6,635	6,592 4 7

(a) Amount received from Mr. Hodges on account of the hire and toll of the steamer *Umpire*.

(b) Canals closed during the month. The amount realized was on account of previous months' dues.

TOTAL NAVIGATION RECEIPTS.

	EARNINGS, 1884-85.		EARNINGS, 1883-84.		REMARKS.
	During the month.	To end of the month.	During the corresponding month.	To end of the corresponding month.	
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	
Orissa Canals	10,873 3 11	10,873 3 11	12,809 11 6	12,809 11 6	
Midnapore Canal	8,324 3 9	8,324 3 9	11,256 12 9	11,256 12 9	
Hingalee Tidal Canal	5,472 14 6	5,472 14 6	5,016 1 3	5,016 1 3	
Sone Canals	3,084 7 3	3,084 7 3	4,406 11 9	4,406 11 9	
GRAND TOTAL	27,754 13 5	27,754 13 5	33,559 4 6	33,559 4 6	

G. F. E. S. NEILL, Major, M.S.C.,

Under-Secy. to the Government of Bengal.

CALCUTTA,
The 1st July 1884.

PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH, BENGAL.

Statements showing the total amount of Traffic and Tolls on the Circular Canal at the Chitpur Toll Station for the month of April 1884.

Number of boats.	NATURE OF CARGO.	APPROXIMATE		TONNAGE OF BOATS.		Tollage.
		Weight of cargo.	Value of cargo.	Maunds.	Tons.	
	LOCAL TRAFFIC.	Mds.	Rs.			Rs. A. P.
179	Coal ...	1,20,846	45,317	2,41,875	8,638	1,195 13 6
4	Ghooting ...	1,100	880	2,275	81	18 2 6
3	Bricks ...	4,500	36	1,575	56	11 10 6
17	Earthenware ...	1,050	525	5,325	190	19 15 6
6	Sand ...	1,350	432	2,600	92	22 12 0
1	Firewood ...	400	100	1,250	92	4 11 0
3	Iron ...	875	5,250	3,925	140	34 5 6
5	Rice ...	1,750	5,687	17,850	637	150 15 0
1	Gram ...	100	225	200	7	1 12 0
3	Mustard-seed ...	550	1,650	1,425	50	12 7 6
17	Vegetables ...	1,650	3,300	6,050	216	51 15 0
2	Tobacco ...	70	700	275	9	2 6 6
1	Jaggery ...	75	375	225	9	1 15 6
220	Salt ...	93,579	2,92,434	1,62,750	5,812	1,324 5 0
6	Bones ...	1,150	1,150	2,800	100	10 8 0
468	Total ...	2,29,045	3,58,061	4,50,400	16,129	2,863 11 0
513	Total of same month last year.	2,71,025	88,650	4,86,900	17,389	3,347 15 0
	MISCELLANEOUS.					
622	Empty, passenger, soorky, fish, golpatta, &c., &c., &c.	87,525	3,50,100	4,96,075	17,716	2,495 7 6
98	Boats under 25 maunds	.....	.....	.....	.....	24 8 0
.....	Demurrage	.....	.....	.....	.....	62 8 9
720	Total ...	87,525	3,50,100	4,96,075	17,716	2,582 8 3
784	Total of same month last year.	80,700	80,300	3,93,050	14,038	2,043 10 3
1,188	Grand Total ...	3,16,570	7,08,161	9,46,475	33,845	5,446 3 3
1,297	Grand total of same month last year.	3,51,725	1,68,950	8,79,950	31,427	5,391 9 3

MEMORANDUM.

	Rs. A. P.
Unrecovered balance on the 1st of the month	219 11 6
Amount of tollage for the month	5,446 3 3
Total	5,665 14 9
Amount credited in the accounts for the month	5,442 9 9
Balance at the end of the month	213 5 0

PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH, BENGAL.

Statement showing the total amount of Traffic and Tolls on the Circular Canal at the Dhappa Toll Station for the month of April 1884.

Number of boats.	NATURE OF CARGO.	APPROXIMATE		TONNAGE OF BOATS.		Tollage.
		Weight of cargo.	Value of cargo.	Maunds.	Tons.	
	LOCAL TRAFFIC.	Mds.	Rs.			Rs. A. P.
3	Roadstone	4,150	788	9,000	321	78 12 0
18	Earthenware	750	375	3,475	124	30 6 6
39	Lime	40,663	1,83,690	86,925	3,104	760 9 0
446	Firewood	2,44,920	61,230	4,54,025	16,215	3,405 3 0
6	Iron	1,560	9,360	3,200	114	14 0 0
7	Brass	177	5,664	675	24	5 14 6
1	Cotton	800	14,400	1,800	64	15 12 0
54	Jute	27,990	1,25,955	59,925	2,140	524 5 6
14	Mats	1,750	8,000	4,675	166	40 14 6
12	Paddy	2,875	4,312	6,350	226	55 9 0
492	Rice	2,34,128	7,60,916	5,44,175	19,434	4,761 8 6
2	Wheat	550	1,925	1,225	43	10 11 6
82	Gram	21,940	49,365	44,275	1,581	387 6 6
67	Linseed	11,821	41,373	41,075	1,466	359 6 6
35	Mustard-seed	24,530	98,120	33,075	1,181	289 6 6
1	Oil-seed	550	1,650	1,200	42	10 8 0
62	Oils	22,291	1,11,455	45,750	1,633	200 2 6
22	Oil-cake	6,305	9,457	16,125	575	141 1 6
57	Fruits	3,253	16,265	8,200	292	71 12 0
28	Vegetables	7,249	14,498	10,950	391	95 13 0
8	Tobacco	4,348	43,480	8,700	310	76 2 6
35	Spices	7,773	38,865	14,050	501	122 15 0
7	Turmeric	500	4,500	1,175	41	10 4 6
56	Grass for cattle	1,200	9,216	31,675	1,131	277 2 6
20	Straw	501	2,004	7,675	274	67 2 6
40	Betelnuts	10,050	80,400	22,125	790	193 9 6
27	Sugar, refined	4,035	60,540	9,075	324	79 6 6
42	Jaggery	13,500	67,500	24,775	884	216 12 6
20	Salt	5,230	16,343	13,000	464	56 14 0
2	Hides	1,051	2,102	125	4	1 1 6
7	Bones	1,650	1,650	3,775	134	33 0 6
20	Dry fish	850	9,475	2,225	75	19 7 6
1,732	Total	7,08,940	18,54,873	15,14,475	54,068	12,413 1 6
2,465	Total of same month last year.	8,71,200	15,94,100	18,53,575	66,189	15,666 4 0
	MISCELLANEOUS.					
1,383	Empty, passenger, golpatta, tamarind, ghee, shells, &c.	1,07,550	4,30,200	3,98,975	14,177	3,477 13 0
299	Boats under 25 maunds	.....	.....	.....	.....	74 12 0
.....	Demurrage	.....	.....	.....	.....	577 7 9
1,682	Total	1,07,550	4,30,200	3,98,975	14,177	4,130 0 9
2,156	Total of same month last year.	65,900	1,22,700	2,17,500	7,767	2,277 1 6
3,414	Grand Total	8,16,490	22,85,073	19,13,450	68,245	16,543 2 3
4,621	Grand total of same month last year.	9,37,100	17,16,800	20,71,075	73,956	17,943 5 6

MEMORANDUM.

	Rs.	A.	P.
Unrecovered balance on the 1st of the month	477	8	0
Amount of tollage for the month	16,543	2	3
Total	17,020	10	3
Amount credited in the accounts for the month	16,589	8	3
Balance at the end of the month	431	2	0

PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH, BENGAL.

Statement showing the total amount of Traffic and Tolls on the Tolly's Nullah at the Samookpotta Toll Station for the month of April 1884.

Number of boats.	NATURE OF CARGO.	APPROXIMATE		TONNAGE OF BOATS.		Tollage.
		Weight of cargo.	Value of cargo.	Maunds.	Tons.	
	LOCAL TRAFFIC.	Mds.	Rs.			Rs. A. P.
16	Coal ...	675	253	2,875	102	25 2 6
286	Firewood ...	68,670	7,167	1,28,975	4,606	967 5 0
1	Brass ...	98	3,136	200	7	1 12 0
6	Mats ...	350	75	1,075	38	9 6 6
148	Paddy ...	21,025	31,537	40,825	1,458	352 14 0
191	Rice ...	77,975	2,53,418	40,687	1,453	718 6 0
57	Gram ...	11,897	26,768	28,650	1,023	250 11 0
3	Mustard-seed ...	680	2,040	1,650	58	14 7 0
4	Vegetables ...	321	642	825	29	7 3 6
2	Spices ...	125	625	400	14	3 8 0
9	Grass for cattle ...	80	612	1,925	68	6 13 6
12	Straw ...	175	700	4,600	164	40 4 0
3	Betelnuts ...	1,055	8,440	1,950	69	17 1 0
38	Jaggery ...	7,625	38,125	15,800	564	138 4 0
776	Total ...	1,90,751	3,73,538	2,70,437	9,653	2,563 2 0
1,135	Total of same month last year ...	2,32,700	3,32,070	4,58,275	16,360	3,878 6 0
	MISCELLANEOUS.					
449	Including golpatta, fish, empty, passenger, dead-body, planks, shells, tamarind and honey, &c. ...	25,350	1,01,300	98,800	3,528	867 6 6
58	Boats under 25 maunds	.....	.....	.....	.....	14 8 0
.....	Demurrage ...	.....	.....	.....	.....	142 15 0
449	Total ...	25,350	1,01,300	98,800	3,528	1,024 13 6
670	Total of same month last year ...	19,000	28,500	56,600	2,021	616 15 0
1,283	Grand Total ...	2,16,101	4,74,838	3,69,237	13,181	3,587 15 6
1,805	Grand Total of same month last year ...	2,51,700	3,60,570	5,14,875	18,381	4,495 5 0

MEMORANDUM.

	Rs.	A.	P.
Unrecovered balance on the 1st of the month ...	168	0	3
Amount of tollage for the month ...	3,587	15	6
Total ...	3,755	15	9
Amount credited in the accounts for the month ...	3,618	4	0
Balance at the end of the month ...	137	11	9

PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH, BENGAL.

Statement showing the total amount of Traffic and Tolls on the Tolly Nullah at the Russa Toll Station for the month of April 1884.

Number of boats.	NATURE OF CARGO.	APPROXIMATE		TONNAGE OF BOATS.		Tollage.
		Weight of cargo.	Value of cargo.	Maunds.	Tons.	
		Mds.	Rs.			Rs. A. P.
LOCAL TRAFFIC.						
1	Coal ...	75	28	200	7	0 14 0
2	Brass ...	26	832	50	1	0 8 0
1	Cotton ...	25	380	125	4	0 8 9
197	Rice ...	6,307	20,497	6,400	228	60 4 6
2	Gram ...	53	119	325	11	1 6 9
4	Mustard-seed ...	355	1,065	2,125	75	9 4 9
20	Other oils ...	2,016	10,080	4,975	177	21 9 0
18	Vegetables ...	712	1,424	2,650	94	10 5 3
1	Tobacco ...	16	80	25	.....	0 4 0
14	Cocoanut ...	351	4	400	14	3 14 0
57	Straw ...	3,280	13,120	4,525	161	39 12 0
1	Betelnuts ...	10	80	75	2	0 5 3
2	Jaggery ...	45	225	50	1	8 0 0
43	Salt ...	3,890	12,156	11,340	405	44 4 9
363	Total ...	17,161	60,090	33,265	1,180	201 5 0
769	Total of same month last year.	24,745	64,708	32,325	1,154	304 13 0
MISCELLANEOUS.						
257	Empty passenger, chura, &c.	1,125	4,500	11,800	421	104 1 0
.....	Demurrage ...	.....	.....	.....	.....	8 14 0
257	Total ...	1,125	4,500	11,800	421	112 15 0
384	Total of same month last year.	689	2,300	6,900	346	111 14 6
620	Grand Total ...	18,286	64,590	45,065	1,601	314 4 0
1,153	Grand Total of same month last year.	25,434	67,008	39,225	1,400	416 11 6

MEMORANDUM.

Unrecovered balance on the 1st of the month ...	Rs. A. P.
Amount of tollage for the month ...	30 4 6
Total ...	314 4 0
Amount credited in the accounts for the month ...	344 8 6
Balance at the end of the month ...	324 12 6
	19 12 0

PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH, BENGAL.

Statement showing the total amount of Traffic and Tolls on the Tolly's Nullah, at the Khidirpur Toll Station for the month of April 1884.

Number of boats.	NATURE OF CARGO.	APPROXIMATE		TONNAGE OF BOATS.		Tollage.
		Weight of cargo.	Value of cargo.	Maunds.	Tons.	
	LOCAL TRAFFIC.	Mds.	Rs.			Rs. A. P.
72	Coal ...	39,012	14,629	85,875	3,066	325 5 6
5	Roadstone ...	1,660	315	3,750	134	32 13 6
99	Bricks ...	2,13,500	1,708	47,825	1,708	179 5 6
10	Tiles ...	19,000	6,84,000	4,725	168	17 11 6
111	Earthenware ...	5,000	2,500	20,125	718	75 7 6
5	Sand ...	2,000	640	5,150	184	19 5 0
6	Firewood ...	2,900	725	5,525	197	22 7 6
1	Sleepers ...	400	250	700	25	2 10 0
5	Iron ...	2,800	16,800	5,500	196	20 10 0
2	Mats ...	50	60	200	7	0 12 0
1	Paddy ...	200	300	775	27	2 14 6
86	Rice ...	16,322	53,046	45,225	1,615	173 15 6
1	Gram ...	150	337	375	13	1 6 6
3	Mustard seed ...	4,440	13,320	11,650	412	57 14 6
2	Other oils ...	90	450	450	16	3 15 0
1	Oil-cake ...	20	30	75	2	0 4 6
16	Fruits ...	1,500	7,500	5,900	210	20 10 0
110	Vegetables ...	10,872	21,744	35,600	1,271	134 6 0
8	Tobacco ...	1,321	7,925	3,575	127	14 14 6
20	Straw ...	686	2,744	13,925	497	52 3 6
47	Jaggery ...	3,152	15,760	15,650	558	58 11 0
60	Salt ...	17,150	53,593	45,175	1,613	294 0 6
681	Total ...	3,42,225	8,98,377	3,57,750	12,764	1,511 11 6
908	Total of same month last year.	1,99,900	2,36,733	3,98,950	13,991	2,172 12 6
	MISCELLANEOUS.					
622	Empty, passenger, babla barks, soorkee, matee, golepatta, fish, pipes, &c.	24,700	98,800	2,88,925	10,318	1,218 10 0
10	Boats under 25 maunds	.....	.....	.....	.....	2 8 0
.....	Demurrage ...	.....	.....	.....	.....	86 0 6
622	Total ...	24,700	98,800	2,88,925	10,318	1,307 2 6
1,129	Total of same month last year.	32,336	64,400	4,53,725	16,204	2,434 9 6
1,313	Grand Total ...	3,66,925	9,97,177	6,46,675	23,082	2,818 14 0
2,037	Grand Total of same month last year.	2,32,236	3,01,133	8,52,675	30,195	4,607 6 0

MEMORANDUM.

	Rs.	A.	P.
Unrecovered balance on the 1st of the month ...	116	2	0
Amount of tollage for the month ...	2,818	14	0
Total	2,935	0	0
Amount credited in the accounts for the month ...	2,817	1	0
Balance at the end of the month ...	117	15	0

ABSTRACT FOR THE MONTH OF APRIL 1884.

	TRAFFIC 1884-85.		TRAFFIC 1883-84.	
	During the month.	To end of the month.	During the corresponding month.	To end of the corresponding month.
CIRCULAR CANALS.				
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Circular Canal at Chitpur toll-station.	5,446 3 3	5,446 3 3	5,391 9 3	5,391 9 3
Ditto at Dhappa toll-station ...	16,543 2 3	16,543 2 3	17,943 5 6	17,943 5 6
Total ...	21,989 5 6	21,989 5 6	23,334 14 9	23,334 14
TOLLY'S NULLAH.				
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Tolly's Nullah at Sameokpotta toll-station.	3,587 15 6	3,587 15 6	4,495 5 0	4,495 5 0
Ditto at Russa toll-station ...	314 4 0	314 4 0	416 11 6	416 11 6
Ditto at Khiderpur toll-station	2,818 14 0	2,818 14 0	4,607 6 0	4,607 6 0
Total ...	6,721 1 6	6,721 1 6	9,519 6 6	9,519 6 6
GRAND TOTAL ...	28,710 7 0	28,710 7 0	32,854 5 3	32,854 5 3

CALCUTTA,
The 1st July 1884.

G. F. E. S. NEILL, Major, M.S.C.,
Under-Secy. to the Govt. of Bengal.

PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH, BENGAL.
NUDDEA RIVERS.

Statement showing the total amount of Traffic and Tolls on the Jellinghee River for the month of April 1884.

Number of boats.	NATURE OF CARGO.	APPROXIMATE		TONNAGE OF BOATS.		Tollage.		
		Weight of cargo.	Value of cargo.	Maunds.	Tons.			
	LOCAL TRAFFIC.	Mds.	Rs.			Rs.	A.	P.
77	Paddy ...	13,925	20,887	25,725	918	192	15	0
52	Rice ...	4,525	9,050	8,850	316	66	6	0
87	Wheat ...	25,850	51,700	49,625	1,772	372	3	0
20	Gram ...	5,525	8,287	9,450	337	70	14	0
21	Pulses and other crops	4,250	8,500	7,700	275	57	12	0
1	Sugar ...	40	400	175	6	1	12	0
42	Salt ...	9,450	25,987	18,225	650	182	4	0
2	Brass ...	90	3,600	300	10	3	0	0
1	Jute ...	250	1,125	525	18	5	4	0
31	Linseed ...	8,940	26,850	16,250	580	121	14	0
8	Mustard seed ...	2,400	9,600	4,100	146	30	12	0
7	Ghooting lime ...	2,875	2,875	5,775	206	28	14	0
13	Ghooting ...	1,800	450	3,450	123	8	10	0
44	Unwrought timber and pile, 334d. and 258½g.	...	...	...	...	173	10	9
41	Miscellaneous	6,300	50,400	12,050	430	120	8	0
1	Bone ...	125	31	225	8	1	2	0
3	Coal and coke ...	925	462	1,675	59	8	6	0
1	Earthenware and earthenpots ...	20	5	75	2	0	1	6
452	Total ..	87,290	2,20,179	1,64,175	5,856	1,446	4	3
717	Total of same month last year ...	1,49,225	4,79,155	2,95,450	10,544	2,528	5	0
	MISCELLANEOUS.							
331	Passenger boat ...	.....	.....	.....	.....	95	0	0
188	Empty " ...	.....	.....	1,30,675	4,666	163	5	6
2	Straw ...	350	87	675	24	3	6	0
1	Gunny ...	50	500	175	6	1	12	0
522	Total ...	400	587	1,31,525	4,696	263	7	6
936	Total of same month last year ...	1,200	8,212	5,22,575	18,661	828	14	6
974	Grand Total ..	87,690	2,20,766	2,95,700	10,552	1,709	11	9
1,653	Grand Total of same month last year ...	1,50,425	4,87,367	8,18,025	29,205	3,357	3	6

MEMORANDUM.

Rs. A. P.

Unrecovered balance on the 1st of the month	...	1,709	11	9
Amount of tollage for the month	...	...	...	...
Amount credited in the accounts for the month	...	...	...	...
Balance at the end of the month	...	...	...	...

PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH, BENGAL.
NUDDEA RIVERS.

Statement showing the total amount of Traffic and Tolls on the Matabhanga River for the month of April 1884.

Number of boats.	NATURE OF CARGO.	APPROXIMATE		TONNAGE OF BOATS.		Tollage.
		Weight of cargo.	Value of cargo.	Maunds.	Tons.	
	LOCAL TRAFFIC.	Mds.	Rs.			Rs. A. P.
2	Coal ...	440	165	1,000	37	5 0 0
2	Charcoal ...	450	112	1,050	38	5 4 0
1	Limestone ...	150	150	200	11	0 12 0
1	Sand ...	150	18	400	14	0 8 0
2	Lime ...	1,920	1,920	2,800	103	14 0 0
2	Firewood ...	975	182	625	23	3 2 0
4	Iron ...	75	375	1,350	50	13 8 0
2	Piece-goods (European) ...	3	200	450	16	4 8 0
1	Jute ...	200	800	600	22	6 0 0
2	Mats ...	250	950	575	21	5 12 0
95	Raddy ...	15,902	19,877	32,700	1,211	245 4 0
9	Rice ...	561	1,542	2,100	77	15 12 0
57	Wheat ...	27,492	61,867	43,375	1,606	325 5 0
49	Gram ...	14,698	22,047	35,925	1,330	269 7 0
44	Other cereals ...	17,453	26,179	24,500	907	183 12 0
37	Linseed ...	17,048	63,930	31,250	1,157	234 6 0
6	Mustard-seed ...	1,315	5,260	3,775	139	28 5 0
2	Other oil-seed ...	120	360	950	35	7 2 0
1	Other oils ...	1	13	75	2	0 12 0
18	Oil-lake ...	2,390	2,390	5,650	209	56 8 0
19	Vegetables ...	675	675	1,925	71	14 7 0
2	Tobacco ...	17	68	375	13	3 12 0
8	Turmeric ...	271	1,761	2,175	80	21 12 0
1	Cocanut ...	30	37	75	2	0 12 0
1	Betelnuts ...	4	40	250	9	2 8 0
1	Sugar, refined ...	12	120	1,000	37	10 0 0
4	Do., unrefined ...	140	1,120	625	23	6 4 0
3	Jaggery ...	206	824	725	26	7 4 0
23	Salt ...	5,048	15,144	11,050	409	110 8 0
285	Empty boat ...	...	.....	.....	.....	306 6 0
45	Miscellaneous ...	3,742	37,420	13,975	517	139 12 0
729	Total ...	1,11,738	2,65,546	2,21,625	8,195	2,048 4 0
603	Total of same month last year.	93,641	1,90,990	1,83,825	6,794	1,623 15 6
	MISCELLANEOUS.					
123	Passenger boats ...	.....	.....	.....	.....	39 12 0
.....	Timber D7, G6 ...	240	500	.....	.....	3 12 0
123	Total ...	240	500	.....	.....	43 8 0
136	Total of same month last year.	50	60	.....	.....	39 7 0
852	Grand Total ...	1,11,978	2,66,046	2,21,625	8,195	2,091 12 0
739	Grand Total of same month last year.	93,691	1,91,050	1,83,825	6,794	1,663 6 6

MEMORANDUM.

	Rs. A. P.
Unrecovered balance on the 1st of the month ...	77 13 10
Amount of tollage for the month ...	2,091 12 0
Total ...	2,169 9 10
Amount credited in the accounts for the month ...	2,130 9 0
Balance at the end of the month ...	39 0 10
The balance shown above was the amount remaining to be paid into treasury.	

PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH, BENGAL.

NUDDEA RIVERS.

Statement showing the total amount of Traffic and Tolls on the Bagiruthee River at Nuddea Toll Station for the month of April 1884.

Number of boats.	NATURE OF CARGO.	APPROXIMATE		TONNAGE OF BOATS.		Tollage.
		Weight of cargo.	Value of cargo.	Maunds.	Tons.	
	LOCAL TRAFFIC.	Mds.	Rs.			Rs. A. P.
1	Paddy ...	250	375	525	18	3 15 0
15	Wheat ...	7,550	15,100	13,825	493	103 11 0
3	Gram ...	1,000	1,500	1,975	70	14 13 0
2	Pulses and other crops	400	800	825	29	6 3 0
2	Fruits and vegetables	90	180	225	8	1 11 0
1	Sugar ...	40	400	100	3	1 0 0
22	Salt ...	4,000	11,000	8,050	287	80 8 0
8	Tobacco ...	600	2,700	1,325	47	13 4 0
9	Brass ...	675	27,000	2,625	93	26 4 0
2	Hides ...	175	1,750	450	16	4 8 0
13	Linseed ...	3,950	11,850	6,950	248	52 2 0
17	Miscellaneous ...	2,000	16,000	3,900	139	39 0 0
1	Steamer ...	.....	.....	.....	.....	6 4 0
2	Coal and coke ..	350	175	700	25	3 8 0
3	Earthenware and earthenpots ...	200	50	525	18	0 10 6
101	Total ...	21,280	88,880	42,000	1,494	357 5 0
80	Total of same month last year ...	20,730	70,664	40,975	1,457	334 5 0
	MISCELLANEOUS.					
287	Passenger boat ...	.....	.....	.....	.....	93 4 0
29	Empty do. ...	.....	.....	22,600	807	28 4 0
316	Total ...	.....	.....	22,600	807	121 8 0
338	Total of same month last year ...	.....	...	24,775	884	142 7 6
417	Grand Total ...	21,280	88,880	64,600	2,301	478 13 6
418	Grand Total of same month last year ...	20,730	70,664	65,750	2,341	466 12 6

MEMORANDUM.

	Rs. A. P.
Unrecovered balance on the 1st of the month	.....
Amount of tollage for the month	478 13 6
Total	478 13 6
Amount credited in the accounts for the month	478 13 6
Balance at the end of the month	.....

PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH, BENGAL.
NUDDEA RIVERS.

Statement showing the total amount of Traffic and Tolls on the Bagiruthee River at Jungypore Toll Station for the month of April 1884.

Number, of boats.	NATURE OF CARGO.	APPROXIMATE		TONNAGE OF BOATS.		Tollage.
		Weight of cargo.	Value of cargo.	Maunds.	Tons.	
		Mds.	Rs.			Rs. A. P.
LOCAL TRAFFIC.						
1	Paddy ...	16	28	50	2	0 6 0
1	Rice ...	25	70	50	2	0 6 0
8	Pulses and other crops	229	336	500	18	3 12 0
1	Ghee ...	12	348	50	2	0 8 0
...	Unwrought timber and piles (1 raft floating, 1 log)	.....	35	.....	.....	0 6 0
11 boats & 1 raft.	Total ...	282	817	650	24	5 6 0
9	Total of same month last year.	270	.....	700	.....	5 4 0
MISCELLANEOUS.						
17	Passenger boat, 17 oars.	.....	.....	.....	.....	4 4 0
4	Empty boat ...	.....	.....	950	35	1 3 0
7	Miscellaneous (mixed cargoes).	54	642	225	8	2 4 0
28	Total ...	54	642	1,175	43	7 11 0
40	Total of same month last year.	81	.....	1,850	.....	13 12 6
39 & 1 R.	Grand Total ...	331	1,459	1,825	67	13 1 0
49	Grand Total of same month last year.	31	.....	2,550	.....	19 0 6

MEMORANDUM.

	Rs. A. P.
Unrecovered balance on 1st of the month	.....
Amount of tollage for the month	13 1 0
Total	13 1 0
Amount credited in the accounts for the month	13 1 0
Balance at the end of the month	.....

ABSTRACT FOR THE MONTH OF APRIL 1884.

	TRAFFIC, 1884-85.		TRAFFIC, 1883-84.	
	During the month.	To end of the month.	During the corresponding month.	To end of the corresponding month.
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
NUDDEA RIVERS.				
Jellinghee river ...	1,709 11 9	1,709 11 9	3,357 3 6	3,357 3 6
Matabhanga river ...	2,091 12 0	2,091 12 0	1,663 6 6	1,663 6 6
Bagiruthee river at Nuddea toll-station ...	478 13 6	478 13 6	466 12 6	466 12 6
Ditto at Jungypore toll-station ...	13 1 0	13 1 0	19 0 6	19 0 6
Total ...	4,293 6 3	4,293 6 3	5,506 7 0	5,506 7 0

CALCUTTA,
The 1st July 1884.

G. F. E. S. NEILL, Major, M.S.C.,
Under-Secretary to the Govt. of Bengal.

Statement of Fluctuation of Goods Traffic on the Northern Bengal State Railway for the month of May 1884.

Abstract of the principal commodities carried over the Line during the month of May 1884, as compared with the same month of the previous year.

STAPLES.	1883.		1884.		Total in 1883.	Total in 1884.	Increase.	Decrease.
	Up.	Down.	Up.	Down.				
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
Ale	47'90	.....	57'78	.....	47'90	57'78	9'88	.....
Food-grain	1,780'00	2,138'37	1,462'58	3,898'63	3,922'37	5,361'04	1,438'67	.....
Ginger	.....	409'40	.....	3,570'83	409'40	370'83	.....	38'57
Gunny-bags	15'79	688'74	34'57	278'58	704'53	813'15	.....	391'38
Jute	.....	1,675'83	.....	1,312'45	1,675'83	1,812'45	.....	363'38
Miscellaneous	2,020'63	644'70	2,338'85	602'24	2,674'33	2,941'09	266'76	.....
Piece-goods	677'63	1'32	812'82	7'42	678'95	820'24	141'29	.....
Railway material	2,119'50	156'54	3,078'51	157'75	2,275'84	3,230'26	960'42	.....
Salt	2,523'43	.....	2,878'00	.....	2,523'43	2,878'10	354'67	.....
Sugar	33'13	.....	29'94	.....	33'13	29'82	.....	2'31
Tea	.....	442'02	.....	378'06	442'02	378'06	.....	63'96
Tobacco	8'48	1,161'06	1'98	1,341'03	1,169'54	1,343'01	173'47	.....
Total	9,241'29	7,315'98	10,694'93	8,347'90	16,557'27	19,042'83	.....	.....

GENERAL REMARKS AND EXPLANATIONS.

For the first time since last October an increase in the traffic, in comparison with May 1883, has to be recorded. The quantity lifted during the month is 19,042'83 tons as against 16,557'27 tons, the difference being 2,485'56 tons, or an increase of 15'01 per cent. The principal staples contributing to this happy result are Food-grain, Miscellaneous, Piece-goods, Railway material, Salt, and Tobacco; while decreases have to be recorded in Ginger, Gunny-bags, Jute, and Tea.

INCREASES.

Ale ... Tons 9'88
This is the time when supplies are sent forward for the troops.
Food-grain ... Tons 1,438'67
The total quantity lifted during the month is 5,361'04 tons as against 3,922'37 tons last May. The increase is due to better prices and demand.
Miscellaneous ... Tons 266'76
Before the rains set in, endeavours are always made to push forward machinery, stores, &c., for tea gardens.
Piece-goods ... Tons 141'29
It is satisfactory to note the steady increase under this head. As soon as the rains set in a falling off may have to be recorded.
Railway material ... Tons 960'42
Large quantities of sleepers are coming forward for the Engineering Department.
Salt ... Tons 354'67
In Calcutta stocks are large and prices have a downward tendency, thus affording a good opportunity to purchasers for the moment.
Tobacco ... Tons 173'47
Prices have advanced slightly in Calcutta, though not sufficiently to induce a good traffic. If the market continues firm, the heavy falling off recorded in April will soon be covered.

DECREASES.

Ginger ... Tons 38'57
In the face of the heavy traffic last month a decrease was inevitable.
Gunny-bags ... Tons 391'38
The market is extremely dull, and no improvement can be expected till the jute season has set in.
Jute ... Tons 363'38
The market continues very quiet and prices are quoted one to two annas lower than last month. Reports of the new crop are favourable.
Sugar ... Tons 2'31
This traffic remains stationary as usual.
Tea ... Tons 63'96
The season is not an early one as was at first anticipated, and this will explain this slight decrease, which will without doubt be made up later on.

TRAFFIC SUPERINTENDENT'S OFFICE, Saidpur, the 14th June 1884.

G. S. LEONARD, Traffic Superintendent.

Weekly Return of Traffic Receipts on Indian Railways.

EAST INDIAN RAILWAY.

Approximate Return of Traffic for week ended 21st June 1884 on 1,509½ miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TOTAL TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	234,217	2,15,964 10 0	23,46,419 39	5,59,198 4 4	17,753 0 2	7,83,915 14 6	61,216½	101,182½	162,399
Or per mile of railway ...	155	143 1 2	15,553 10 0	364 7 10	11 12 2	519 5 2	.....	.....	.....
For previous 24 weeks of half-year ...	5,350,511	61,84,546 14 7	6,29,71,330 30	1,62,19,254 2 0	3,04,235 12 2	2,27,08,036 12 0	1,501,898	2,955,766½	4,457,664½
Total for 25 weeks ...	5,584,728	64,00,511 8 7	6,53,11,750 20	1,67,09,452 6 4	4,11,988 12 4	2,35,81,552 11 3	1,563,114½	3,076,948½	4,639,063½
COMPARISON.									
Total for corresponding week of previous year ...	237,022½	2,20,542 13 5	28,00,991 10	8,03,742 7 9	14,280 4 1	11,38,565 9 6	61,983	192,920	254,903
Per mile of railway corresponding week of previous year ...	.....	148 2 5	.....	592 4 5	9 7 5	747 14 3	.....	.....	.....
Total to corresponding date of previous year ...	5,413,186½	60,92,850 6 1	6,83,50,843 20	1,83,73,764 5 8	5,12,805 5 6	2,49,70,420 1 8	1,549,628	3,514,124	5,063,752

Approximate Statement of gross receipts of the East Indian Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR WEEK ENDING 23RD JUNE 1883.			RECEIPTS FOR WEEK ENDING 21ST JUNE 1884.			TOTAL RECEIPTS FROM 1ST APRIL TO 23RD JUNE 1883.			TOTAL RECEIPTS FROM 1ST APRIL TO 21ST JUNE 1884.			Total increase in 1884.	Total decrease in 1884.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	Rs.
1,509	11,28,565	748	1,509½	7,83,916	519	1,509	2,20,29,438	8,568	1,509½	1,06,94,228	7,085	.....	22,35,260

EASTERN BENGAL RAILWAY COMPANY.

Approximate return of traffic for week ended 21st June 1884 on 303 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TOTAL TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	58,839	30,437 0 0	1,94,831 0 0	35,953 0 0	2,615 0 0	69,005 0 0	10,432½	7,156	17,588½
Or per mile of railway ...	194	100 7 3	643 0	118 10 6	8 10 1	227 11 10	.....	.....	.....
For previous 24 weeks of half-year ...	1,718,330	9,29,392 0 0	53,09,536 0	8,95,162 0 0	10,677 0 0	18,44,235 0 0	238,444	163,553	401,997
Total for 25 weeks ...	1,777,169	9,59,836 0 0	55,05,367 0	9,31,115 0 0	22,292 0 0	19,13,243 0 0	248,870½	170,709	419,585½
COMPARISON.									
Total for corresponding week of previous year ...	63,335	34,752 0 0	2,28,791 0	60,836 0 0	16,417 0 0	1,11,705 0 0	8,164	6,201½	14,365½
Per mile of railway corresponding week of previous year ...	306	168 1 5	1,106 0	294 4 0	77 15 3	540 4 8	.....	.....	.....
Total to corresponding date of previous year ...	1,417,126	8,78,404 0 0	64,83,117 0	15,48,856 0 0	32,526 0 0	24,59,736 0 0	173,099½	216,151½	389,251

Includes Rs. 170 on account of Revenue stores.

EASTERN BENGAL RAILWAY COMPANY.

Bengal Central Railway Approximate Return of Traffic for week ended 21st June 1884 on 125½ miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TOTAL TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic of the week ...	19,258	7,417 0 0	15,270 0	1,328 0 0	23 0 0	8,771 0 0	2,950½	1,305	4,255½
Or per mile of railway ...	153	58 12 7	121 17	10 9 0	0 3 4	69 11 11	.....	.....	.....
For previous 24 weeks of half-year ...	475,643	1,56,070 0 0	4,05,246 0	19,440 0 0	1,238 0 0	1,77,348 0 0	54,124½	16,915½	70,939½
Total for 25 weeks ...	494,901	1,64,987 0 0	4,20,516 0	20,768 0 0	1,264 0 0	1,86,119 0 0	57,074½	18,120½	75,195½
COMPARISON.									
Total for corresponding week of previous year ...	10,408	5,036 0 0	15,864 0	218 0 0	16 0 0	2,270 0 0	906	302	1,208
Per mile of railway corresponding week of previous year ...	293	58 2 9	453 10	6 3 8	0 7 3	64 18 8	.....	.....	.....
Total to corresponding date of previous year ...	156,439	52,695 0 0	5,18,295 0	6,837 0 0	320 0 0	39,952 0 0	13,496½	8,294½	21,790½

DARJEELING-HIMALAYAN RAILWAY COMPANY, LIMITED.

					Rs.
ings for week ending 21st June 1884	...	...	...	...	6.0
ponding week last year	...	...	...	...	3.2
se	...	...	...	...	3.4
ts from 1st January to 21st June 1884	...	...	...	...	1,90.3
Ditto ditto to 23rd June 1883	...	...	...	...	1,78,05
se	...	...	...	...	12,288
open week ending 21st June 1884	...	...	...	...
ponding week last year	...	...	...	...
					Rs. A. 7
ts per mile open week ending 21st June 1884	...	...	...	...	133 5
ponding week last year	...	...	...	...	65 1 4
se	...	...	...	...	68 4 5

DARJEELING,

7th June 1884.

W. STEVENSON, Secretary.



SUPPLEMENT TO The Calcutta Gazette.

WEDNESDAY, JULY 9, 1884.

OFFICIAL PAPERS.

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RETENTION OF THE JUNIOR CLASSES OF THE RAJSHAHYE MAD- RASSA AS A BRANCH OF THE RAJSHAHYE COLLEGE.

GENERAL DEPARTMENT—EDUCATION.

Darjeeling, the 1st July 1884.

RESOLUTION.

READ—

The following papers regarding the abolition of the Rajshahye Madrissa and the retention of its junior classes as a branch of the Rajshahye College:—

- (1.)—Letter from the Director of Public Instruction, No. 775, dated 2nd February 1884.
- (2.)—Letter to the Director of Public Instruction, No. 179, dated 5th March 1884.
- (3.)—Letter from the Director of Public Instruction, No. 72T, dated 31st May 1884.

The abolition of the Rajshahye Madrissa, and the transfer of its building to the Rajshahye College, gave rise to some disappointment among the Mahomedans of Rajshahye, which found expression in a memorial addressed to Government. In order to meet the earnest wish of the memorialists, arrangements were made for maintaining the junior classes of the Madrissa as a branch of the Rajshahye College, the cost being met from the balance of the allotment formerly made from the Mohsin Fund to the Rajshahye Madrissa, and transferred, on the abolition of that institution, to the college classes of the Calcutta

Madrissa Further consideration, however, has shown that the cost of the Rajshahye classes is greater than was at first estimated, while the Mohsin Fund, from which it was proposed to support them, has fallen into a state of deficit owing to the heavy charges thrown upon it from various sides.

2. The Director of Public Instruction states that the monthly establishment noted in the margin is the smallest with which the Madrissa classes can be properly carried on. Under existing arrangements, only Rs. 96-8 a month is available from the Mohsin Fund. Mr. Croft therefore proposes that the cost of the college classes of the Calcutta Madrissa, hitherto paid from the Mohsin Fund, should be charged to General revenues, and that from the amount thus set free a Mohsin grant of Rs. 2,400 a year should be made to the Rajshahye College for the support of the Madrissa classes. He expresses his belief that, if this arrangement be sanctioned, the Mahomedans of Rajshahye will accept as satisfactory the proposal to repay to the Mohsin Fund Rs. 20,000, being nearly two-thirds of the cost of the Rajshahye Madrissa building, which will now be partly devoted to the use of the Rajshahye College and partly used as a hostel by the Madrissa students.

3. In support of the proposal to meet the cost of the college classes of the Calcutta Madrissa from Provincial revenues, reference is made to the somewhat analogous case of the Sanskrit College, for which Government maintains a staff of professors teaching to a high standard in Sanskrit, and also teaching the First Arts course of the University. The comparison seems to be a fair one. There is no reason why the support accorded by Government to English education in the Calcutta Madrissa should stop short at the Entrance standard, leaving all education of a higher class to be provided for from Mahomedan endowments. And when it is shown that an extension of the Government contribution to the Calcutta Madrissa will enable an allotment to be made from the Mohsin Fund for the maintenance of the Madrissa classes of the Rajshahye College, a special reason is added for recognising the claim put forward on behalf of Mahomedan education, and making the concession desired.

4. The cost of the College Department of the Calcutta Madrissa is stated to be Rs. 5,842 a year. This will now be met from Provincial revenues, an extra grant of that amount being made to the Education Department with effect from the beginning of the current year. From the Mohsin Funds thus set free an allotment of Rs. 2,400 is sanctioned for the maintenance of the Madrissa classes of the Rajshahye College. Some difficulty is anticipated in sanctioning at once the re-payment of Rs. 20,000 to the Mohsin Fund on account of the Madrissa building, and this grant will probably have to be deferred to the next financial year. Until then it is believed that the Mohsin Fund will be in no pressing want of the amount.

5. The arrangements now concluded appear to the Lieutenant-Governor to be in every way equitable and satisfactory. It affords him satisfaction to be able to meet the claims of the Mahomedan community for larger support to higher education in the Calcutta Madrissa, without depriving Rajshahye of assistance. It is clear that Rajshahye could not fairly demand or fully support a local Madrissa, but it did need certain classes for Mahomedan students, which the arrangements now sanctioned will secure to it. Mr. Rivers Thompson hopes that the Mahomedans of Rajshahye will not fail to take full advantage of the opportunity now offered to them of prosecuting their studies in the special learning which they respect, and at the same time of acquiring a knowledge of the English language and literature which will open to them wider prospects of advancement than can be attained through a purely oriental course of study.

By order of the Lieutenant-Governor of Bengal,

A. P. MACDONNELL,

Offg. Secretary to the Government of Bengal.

RESOLUTION ON THE REPORT ON THE ADMINISTRATION OF THE
HAZARIBAGH REFORMATORY SCHOOL FOR THE YEAR 1883.

RESOLUTION.

JAILS.

Darjeeling, the 2nd July 1884.

READ—

Letter No. 4242, dated the 26th May 1884, from the Inspector-General of Jails, forwarding the report of the Superintendent on the Administration of the Reformatory School at Hazaribagh for the year 1883.

In the year 1881 the attention of the Government was drawn to the fact that the Reformatory School at Alipore had been quite full during the preceding year, and that only a few boys could be received into it as vacancies occurred. The success of this institution had been great, and the question of providing another school as a reformatory for juvenile offenders had to be considered. It was proposed by the Inspector-General of Jails that the European jail buildings at Hazareebagh, which had become vacant, should be utilized for all juvenile criminals convicted in Chota Nagpore and Behar. The accommodation ready for use consisted of 118 cells, of which 60 cells were unoccupied at the close of the year. It was intended that the training to be given to the boys should be similar to that in the Alipore institution, and that the boys should be brought up as carpenters, blacksmiths, market-gardeners and agriculturists. The Superintendent of the District Jail was also to be Superintendent of the Reformatory, assisted by a Deputy Superintendent and a Committee of Visitors appointed from among the official and non-official community of Hazaribagh.

2. These proposals were approved by this Government and sanctioned by the Government of India; and, in September 1882, 25 boys were transferred to Hazaribagh from the Alipore Reformatory. The report under review is, therefore, the first which deals with its administration during a complete year, and it is satisfactory to find that it has been on the whole successful.

3. The number of boys in the school on the 1st January 1883 was 39; 20 were admitted during the year, and 1 released, and there were consequently 58 boys remaining at the end of 1883. Of these, 9 were Mussulmans and 49 Hindoos. The boy released was reported, after the close of the year, to be working as a tinman and earning an honest livelihood.

4. The discipline in the Reformatory is reported to have steadily improved, though the number of punishments was, during the year, 247, which appears excessive. There were 90 punishments of whipping and 80 of penal diet. The whippings are reported to have generally consisted only of a few cuts on the hand. The mark system is stated to have worked very well, the boys competing with each other in the endeavour to earn the largest number. The total earnings of the boys came to Rs. 108-10-6. The Superintendent describes the day's proceedings as follows:—"The boys rise at 4-30 A.M. in summer and 5-30 A.M. in winter, make up their beds, clean their cells and verandahs, and take the early morning meal. School from 6 to 8 A.M.; work from 8 to 10 A.M.; breakfast, bathing, and latrine parades 10 to 11 A.M.; resume work at 11 A.M.; play hour 2 to 3 P.M.; work 3 to 5 P.M.; at 5 P.M. work ceases, and the boys take their evening meal; night-school from 6 to 9 P.M." This curriculum certainly does not err in the direction of too much recreation, and it appears to the Lieutenant-Governor that five hours of school work with five hours of industrial labour each day would possibly admit of more relaxation. The health of the boys was remarkably good throughout the year.

5. The total expenditure during the year was Rs. 8,797-5-3, and the daily average number of boys 48-57. The average cost of each boy was slightly over Rs. 181; the average cost per boy at the Alipore Reformatory in the same year was Rs. 163-12-1. At Hazaribagh it will no doubt diminish as the number of boys increases and the working of the institution becomes more settled. The contingencies amounted to Rs. 1,139-1-8. Rupees 36 were expended on construction and repairs, Rs. 1,639-3-3 on diet, Rs. 68-4-7 on hospital charges, Rs. 315-6-7 on clothing, and Rs. 5,599-5-2 on fixed establishment.

6. The progress in the education of the boys is reported to be satisfactory. They can all read and write in the vernacular, and eight of the most advanced boys have made considerable advancement in English. A second school-master was entertained from May 1883. The Superintendent remarks that the acquisition of English, besides being a good mental exercise, should aid a good workman in obtaining a situation in one of the large Calcutta or railway workshops. So long as the instruction in English does not interfere with the main aim of the reformatory system, which is to enable the boys to earn their living by handicrafts, it is unobjectionable; but it is not desirable that the course of instruction in the school should tend to add to the already overcrowded ranks of applicants for clerkships.

7. The value of the work performed during the past year is stated to be Rs. 1,528-2-7, and of this amount Rs. 631-12-3 were paid into the treasury, Rs. 180-13-10 supplied to other departments, Rs. 620-8-6 manufactured goods in stock, and Rs. 95 outstanding. Besides this a well valued at Rs. 250 was dug. The total profit, including the value of the well, is stated at Rs. 1,186-9-4, an average of Rs. 24-7 per boy. The net profit from the garden was Rs. 344-5-9, from carpentry Rs. 641-7-6, from tin-work Rs. 28-8-6. Carpentry is the principal industry taught in the school, and there has been a steady increase in the profits.

8. Dr. Cobb, the Superintendent, has taken great interest in his work, and the Lieutenant-Governor is glad to notice that Mr. Hill, the Deputy Superintendent, is reported to have performed his duties in the most zealous and efficient way. The school has been under the regular supervision of a Committee, whose advice and assistance are cordially recognised by the Superintendent.

ORDER.—Ordered that a copy of this Resolution be forwarded to the Inspector-General of Jails, for information, and for communication to the Superintendent of the Hazaribagh Reformatory School.

Ordered also that the Resolution be published in the *Calcutta Gazette*.

By order of the Lieutenant-Governor of Bengal,

F. B. PEACOCK,

Secretary to the Government of Bengal.

RESOLUTION ON THE REPORT ON THE ADMINISTRATION OF THE JAIL DEPARTMENT FOR THE YEAR 1883.

RESOLUTION.

JAILS.

Calcutta, the 5th July 1884.

READ—

The Report on the Administration of the Jail Department for the year 1883.

Read also—

The Reports for the years 1881 and 1882, and the orders of Government recorded thereon.

OWING to the sudden and serious illness of Dr. Lethbridge, the Inspector-General of Jails, at the commencement of this year, the Annual Report on the Jail Department for 1883 has been received five weeks later than in the preceding year.

2. The most noticeable points in the jail administration for the past year, as compared with that of 1882, are the considerable fall in the death-rate of all classes of prisoners and a continued decrease in the daily average of the jail population. There has been a general improvement in discipline with a diminution in the number of corporal punishments, and an increase of sentences of simple solitary confinement, *i.e.*, solitary confinement unaccompanied by reduced diet. In its financial aspect, notwithstanding a rise in the average cost of dieting prisoners, the returns show a diminished total expenditure, even including the outlay on new buildings by the Public Works Department, a decrease in the profits derived from jail manufactures, and an increase in the charge for establishment.

3. The statistics of convicts in the year 1883, as compared with the previous eight years, are given in the table below:—

	1875.	1876.	1877.	1878.	1879.	1880.	1881.	1882.	1883.
Number of prisoners in jails and subsidiary jails on last day of preceding year	19,855	19,094	19,850	17,089	17,930	17,200	16,384	15,231	14,377
Admitted direct during year	37,474	38,797	35,462	38,029	35,736	33,355	31,405	31,710	29,763
Total	57,329	57,891	55,312	55,968	53,666	50,555	47,789	46,941	44,140
Admitted by transfer	18,246	20,023	19,528	20,132	20,500	18,811	17,094	15,769	15,499
Total	75,575	77,914	74,840	76,100	74,166	69,366	64,883	62,710	59,639
Deduct transferred	18,335	20,029	19,502	20,559	20,206	18,644	16,810	15,548	15,274
" released	36,806	37,358	37,272	36,277	34,977	33,230	31,664	31,701	30,173
" escaped	29	27	20	41	31	12	14	6	12
" died	1,002	1,184	877	1,230	1,691	1,694	1,065	1,034	728
" executed	59	68	60	57	54	73	50	35	35
Total discharged	56,981	58,064	57,791	58,164	56,962	53,002	49,612	48,324	46,222
Balance at end of the year	19,594	19,850	17,039	17,936	17,200	16,284	15,231	14,377	13,417
Daily average number of prisoners	19,978	20,227	17,527	17,274	17,258	16,673	15,606	14,801	13,711

The number of convicts admitted direct thus fell from 31,710 to 29,763, a decrease of 1,947, or over 6 per cent. In 1882, a year of low prices in grain, there was a slight increase under this head as compared with the year preceding it. At the end of 1883 prices began to rise, and there was apprehension of scarcity, yet the number of direct admissions shows a diminution greater than has occurred in any year since 1880. This diminution in the number of admissions took place in 19 districts: in seven the decrease amounted in the aggregate to 2,080, ranging from 587 in Jessore to 211 in the 24-Per-gunnahs. On the other hand, there was an increase under this head in nine districts, amounting to 1,055. It is difficult to account with exact certainty for these local fluctuations, which, it may be remarked, are in no instance large. Six of the nine districts were in Bengal, and in these certainly no apprehension of scarcity could have operated in the direction of an increase of crime. It is most probable, therefore, that these fluctuations are due to causes more or less accidental. Among these may be named the differing degrees of strictness with which the supervision over bad characters is maintained by different Magistrates, a diminution or increase in the expenditure of local capital in the employment of the day-labourer class, the strict or lax enforcement of local

laws, and the movements of criminal tribes. Excluding, however, the increase in the exceptional year 1878, and a small nominal increase in 1882, the decline in the jail population and the number of prisoners admitted direct has, during the last eight years, been considerable and continuous. This result, the Lieutenant-Governor believes, is due chiefly to the improved material condition of the common people and better general administration. The subject is one which, as the Inspector-General remarks, affects police rather than jail administration, but it is noteworthy, from a prison standpoint, as affording an indication whether the discipline in our jails has not become less deterrent to criminals than formerly. The table below shows the total daily average population of convicts in central, district, and subsidiary jails:—

		1880.		1881.		1882.		1883.	
		16,673		15,506		14,801		13,711	
		Average population.		Percentage to grand total.		Average population.		Percentage to grand total.	
		Average population.		Percentage to grand total.		Average population.		Percentage to grand total.	
Central	Jails	7,983	47.87	7,757	50.3	7,712	52.10	7,665	55.91
District	"	8,439	50.62	7,505	48.40	6,809	46.01	5,781	42.16
Subsidiary	"	251	1.51	244	1.57	280	1.89	265	1.93

4. With a decrease in the gross convict population, as shown by the daily average distribution, the percentage of the total number confined in central jails has risen from 47.87 in 1880 to 55.91 per cent. in 1883, though the average population confined in them has fallen in the same period from 7,983 to 7,665. It will be the object of Government to continue to increase this percentage, as the central jails are healthier, and the work and discipline, under the supervision of specially selected officers, are better than in district jails.

5. The decrease in the number of prisoners transferred, and of those released under the remission rules, appears almost entirely due to the reduction in the number of prisoners, and calls for no special remark. The number of those released on medical grounds has risen from 13 in 1881 to 41 in 1883. Each case was specially reported to Government for orders under sections 487 to 491 of the Bengal Jail Rules. Care was taken that the provisions of these Rules were not used for the purpose of reducing the nominal death-rates of jails, but were applied in cases where it seemed the clemency of Government might fitly be exercised. Of the prisoners released on other grounds, ten seamen, who were at the time undergoing short terms of imprisonment for petty offences in the Presidency Jail, were discharged on the application of the Port Officer, conditionally on their being immediately shipped and leaving Calcutta. Seven Bhootiyas were, in July 1881, convicted of a kidnapping raid into British territory, and sentenced to various terms of imprisonment at Darjeeling. Of these, one died, and the sentences of the remaining six were remitted in May 1883, in consideration of their good conduct and of their health having greatly deteriorated while in jail.

6. In 1883 the number of prisoners transported beyond seas was 516 males and 55 females, the total being 53 more than in 1882 and 95 less than in 1881. Of 678 prisoners received in 1883 for transportation, no less than 138 were rejected by the Medical Board as unfit. Of these, 86 were from Bengal and 52 from other Provinces. The Medical Board rejected 62 in 1881 and 82 in 1882, out of 728 and 559 respectively; while the rejections in 1883 were over 20 per cent. of the total number of prisoners received for transportation. Complaints have occasionally been received from the Port Blair authorities that persons unfit for transportation have been passed by the Board in Calcutta. On the other hand, Superintendents of Jails sometimes complain that the Board's examination is too strict and the standard of fitness too high. The result of recent enquiries into this matter has been to satisfy the Lieutenant-Governor that the Medical Board perform their duties, not only with the ability which might confidently be looked for in such a body, but also with all possible care and thoroughness. It is not possible that, among several hundred persons examined, diseases, the symptoms of which are obscure, should not sometimes escape detection by the Board at Alipore. The medical officers of the jails, on the other hand, have every facility for the close observation of convicts sentenced to transportation. The number of such prisoners in each jail is few, their previous

history known, and the time for the observation of doubtful cases greater than that at the disposal of the Board. The fact, therefore, that convicts whom the local medical officers have certified to be in good health and fit for transportation are so frequently rejected appears to indicate the necessity for greater care and watchfulness in the preliminary enquiries held before granting certificates. The Medical Board at Alipore will be requested for the future to bring to the notice of Government, through the Inspector-General of Jails, cases in which grants of certificates of fitness for transportation and freedom from disease are given on conspicuously insufficient grounds. The Lieutenant-Governor desires for the future to be assured that the preliminary examination of these convicts shall not be perfunctory, but shall be such as will ensure the elimination of at least the majority of unfit cases, the second and final one at Alipore by the Board merely checking and supplementing it.

7. The total number of prisoners transported from Burmah and received into Bengal jails under the arrangements made in 1881 was, according to the last quarterly return of the year under review, 70. Of these, 17 were on the last day of the year confined in the Alipore Jail, four each, in the Presidency and Midnapore Central Jails, three each in the Buxar Central Jail and Gya, two in each of 16 other jails, and one each in Bankoora and Darjeeling. Of the 36 Burmans received in 1883, no less than five have died, of what diseases is not shown; while the one who, it was stated in paragraph 6 of the Resolution on the Jail Administration Report of 1882, had become insane, was transferred to a lunatic asylum during the year under report. Two escaped from the Berhampore Jail, but were recaptured, and two more attempted to break out of the Patna Jail. With the above exceptions, their conduct has been good, and the Superintendent of the Buxar Central Jail has reported that the five Burmans confined in it are useful in manufactures and easy to manage. Still, as noticed last year, these foreign life-convicts are a difficult class to deal with, and in view of the probability that their number might in time become inconveniently large, the Lieutenant-Governor, shortly after the close of the year 1883, represented the matter to the Government of India, stating that it was undesirable that more than two of them should be confined in one jail, and asking that other Governments might be invited to share with Bengal the responsibility of a troublesome charge. The Government of India have replied that, although the Government of the North-Western Provinces and Oude had consented to receive 15 Burmese life-convicts annually, and the Chief Commissioner of the Central Provinces had been asked to arrange for the confinement of five more, yet the total number of life and long-term prisoners in Burma under sentence of transportation had of late so largely increased that the existing arrangement under which twenty are annually sent to these Provinces should not be disturbed. The number of Burmese convicts in each jail must necessarily therefore be increased. The Inspector-General of Jails has made no remark on the general behaviour of these prisoners; but the remark of the Superintendent of the Buxar Central Jail, above referred to, seems to show that, if properly and firmly treated, the Burmans are amenable to discipline and may become useful workers. As more Burmans are received, it will be advisable to increase the numbers confined in central jails, as these are under stricter discipline, are more healthily situated, and afford less chance of escape than the ordinary district jails. In dealing with this subject in future administration reports the Inspector-General of Jails should give fuller information regarding the offences to which these prisoners have been most prone, of their general health and conduct in jail, and of the work in which they have been found most apt.

The number of prisoners executed during the past year was 35, the same as in that which preceded it.

8. The revised form prescribed by the Government of India in Resolution No. 19—1349-59, dated the 12th September 1882, shows the religion, age, and previous occupation of convicts admitted into the jails and subsidiary jails during the year, instead of showing, as formerly, these details regarding convicts confined therein on the last day of the year. No comparison can therefore be made between the figures of the year under review and those of previous years. Of the total number admitted, 2.05 per cent. were Christians, 40.82 Musulmans, 54.12 Hindus, 3.01 Buddhists and persons of other religions.

Of the Christians, 383 are returned as Europeans, 168 as Eurasians, and 58 as natives. The Europeans were, for the most part, confined for short terms and for trivial offences.

9. The percentage of male prisoners admitted, of ages between 16 and 40, was 75·18; of those between 40 and 60, 20·89; of those over 60, 2·91; and of those under 16, 1·02 of the total. Of the latter class there were 289 admissions, of which 93 were into subsidiary and 196 into other jails. There are at present two reformatories—one at Alipore, the other at Hazaribagh—for the confinement of juvenile offenders. The report on the former for the year 1883 has been received, and shows that there were 30 admissions during the year and 79 boys remaining at the close of that year. The boys were employed under instruction as blacksmiths, book-binders, cane-workers, carpenters, and tinsmiths, and good reports were received regarding the majority of those who had been released. From the report on the Hazaribagh Reformatory, the Lieutenant-Governor learns with satisfaction that the boys in it, now about 58 in number, are working well, and that their behaviour is generally good. There is reason to believe that the practice of sending children to jail still continues in spite of the orders issued on this subject. Of the 196 boys under the age of 16 sent to jails it can hardly be doubted that a considerable proportion ought to have been sent to the reformatories. There is accommodation at the Alipore institution for 100, and at the Hazaribagh, if necessary, for 200 boys. Until these institutions are full no youthful offender should, as a rule be sent to a jail. The Inspector-General of Jails will be requested to bring to the notice of Government any case in which it appears that the orders on this subject have been overlooked or disregarded by Magistrates. The statement referred to in the last paragraph shows that of 28,398 male convicts admitted, 16,688, or over 58 per cent., were of the agricultural classes; but, for reasons already given, no comparison can be made between these figures and those of former years.

10. There was in 1883 an increase in the proportion of sentences of from one to three months' imprisonment as compared with 1882, the percentage having risen from 7·74 to 9·40. The Officiating Inspector-General of Jails, from observations made as Magistrate, is inclined to attribute this increase to a tendency on the part of some officers exercising summary powers to save themselves trouble by giving sentences of not more than three months in cases where they would, if not vested with such powers, inflict more severe punishment. It is not shown on what precise grounds the Inspector-General bases this opinion. If a recourse is had to the summary procedure for such a purpose only, the practice is most reprehensible. As, however, only specially selected officers are vested with summary powers, the Lieutenant-Governor is not prepared to accept, without further proof, the conclusion at which Mr. Westmacott has arrived. Further enquiries will be made on this point. The increased percentage of short sentences is susceptible of the explanation that it is due to a larger proportion of petty offences. The length of sentences has not otherwise greatly varied.

11. The number of female prisoners admitted direct was 1,566, 113 more than in 1882, but the total number imprisoned was 2,463, being 219 less than in the year preceding. The death-rate among them rose from 55·2 to 72·3 per mille, and the number of deaths in and out of hospital in 1882 and 1883 were 41 and 36 respectively. The Russa Jail, in the suburbs of Calcutta, was established for long-term female prisoners, before the construction of the Central Jails at Midnapore, Bhagulpore, Rajshahye, Hazaribagh and Dacca, when the female wards of the district jails were overcrowded. Sufficient accommodation for female prisoners is now available; and as serious irregularities, the consequence of the difficulty of close supervision, had been brought to light, the Russa Jail was closed at the end of 1883. In future all female prisoners from Calcutta and the 24-Pergunnahs, including those whose imprisonment may be ordered by the Small Cause Court, Calcutta, will be imprisoned in the Alipore Jail, other female prisoners being confined in the Central Jails of their respective circles. The average daily strength of the female convicts in the Russa Jail was, in 1883, 136·15. This jail has always been very unhealthy, the average mortality for the ten years previous to that under report having been 78·8 per mille. Under the new arrangements it is expected that the ratio of deaths among female convicts will sensibly diminish.

12. The number of re-convicted prisoners admitted into jail was 3,540, or 11.89 per cent. of the total number admitted. In 1882 there were 3,439, or 10.84 per cent. of the total. The calculation of the percentage in former years of previously convicted prisoners being made on the number of those in jail on the last day of the year, instead of on the number of admissions during the year, no comparison of figures can be made with any advantage. The Lieutenant-Governor believes that Magistrates, as a rule, do their utmost to ascertain the previous convictions of persons accused before them by calling for police enquiry and reports, and by sending the accused for recognition to district and central jails. The present system, however, is not perfect. The worst criminals are those whose offences are not known at their homes or in the jails in their neighbourhood, who wander to distant places in the commission of crime, and, when convicted, give false names and false places of residence. The previous convictions of such offenders it is at present most difficult to trace, and their number will probably increase with the facilities of communication. The efforts of the police in ascertaining and recording their antecedent histories might perhaps be much aided if Superintendents of Jails communicated to the police and to each other the descriptive rolls of persons suspected to be habitual criminals concealing their true names and districts, with the facts discovered regarding them after admission. Though beset with difficulties, the endeavour to secure satisfactory registers of re-convictions deserves attention. The number of persons confined, in default of security, for bad livelihood has fallen from 689 to 612; that of persons imprisoned pending trial fell from 27,108 to 26,091, the daily average being 1,065. The average period of detention of prisoners pending trial was 14.90 days in 1883, an increase of .08 days over the previous year, although the number of prisoners was 1,017 less. This is the more unsatisfactory because the proportion of petty convictions was considerably greater, as before noticed, than in the preceding year. The average term of detention in the Dacca, Burdwan, Hooghly, Sarun, Gya, and Chumparun districts has much increased in comparison with the previous year, though that in Dacca and Hooghly was less than in 1881. It should be the duty of all official visitors to jails to bring to the notice of the Magistrate of the district any case in which an under-trial prisoner has been confined for an undue length of time. Magistrates themselves, in their weekly visits to the jails, should carefully attend to this important matter.

13. The total number of civil prisoners confined in the jails in 1883, including 221 remaining on the last day of the previous year, and 3,290 admitted during the year, was 3,511. Of these, 3,257 were released, 35 were transferred, one died, and one escaped, leaving 217 in jail at the close of 1883. The number admitted was, however, 113 less than in 1882, and the daily average 249.0 against 252.7 in that year. This subject was referred to in paragraph 9 of the Resolution on the Jail Report for 1882. During the past year there has been no increase in the number of civil prisoners, but the reverse. The necessity for considering the question of increased accommodation for this class of prisoners does not therefore arise.

14. The following table shows the expenditure incurred in 1882 and 1883 on major original works, minor original works, and repairs:—

	Major original works.		Minor original works.		Repairs.		Total.	
	1882.	1883.	1882.	1883.	1882.	1883.	1882.	1883.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Central Jails	3,46,654	1,37,784	803	6,090	19,923	22,283	3,73,260	1,67,016
District "	5,16,462	2,07,577	2,832	18,130	61,920	21,694	5,81,214	2,47,873
Subsidiary "	45,874	73,212	697	5,798	9,026	14,019	55,597	93,029
Total	9,07,990	4,18,523	4,332	30,227	90,869	58,009	10,10,781	5,07,718

The chief items of expenditure were Rs. 74,437 on the conversion of the Dacca District Jail into a Central Jail, Rs. 57,977 on extending the Central Jail at Buxar, Rs. 22,474 chiefly on providing accommodation for female prisoners at Alipore, Rs. 9,459 principally on a residence for the Superintendent at Midnapore, Rs. 44,734 at Gya, where a first class district jail has been built, Rs. 39,456 on a first class jail at the district of Durbhunga,

Rs. 23,324 on improvements in Purulia, Rs. 21,549 at Bogra, Rs. 13,549 at Singbhoom, Rs. 7,173 at Julpigoree, Rs. 12,020 at Lohardugga respectively for the construction of third class jails: and for additions and improvements, Rs. 12,497 at Darjeeling, Rs. 12,660 at Mymensingh, and Rs. 9,282 at Rungpore. The actual expenditure was little more than half of that in the year preceding, but most of the larger works begun in 1878 are either finished or approaching completion. Nothing has been done during the year on the additional works at Chupra, Patna, Noakholly, Tipperah, Jessore, and Maldah, recommended by the Inspector-General of Jails in his report for 1882. Considerable alterations were, however, effected in the Khoorna jail, and progress was made in the masonry buildings at Manbhoom. The completion of the more important and more expensive jail buildings will, the Lieutenant-Governor hopes, allow of funds being applied in the course of the next few years to the additional improvements suggested. The subsidiary jails in the eastern districts are notoriously insecure, and the gradual substitution for them of a better class of buildings will have to be undertaken. With the completion of these projects, the requirements of the Jail Department will have been sufficiently met. The daily average number of prisoners employed on jail buildings has fallen from 3,538 in 1882 to 2,591 in 1883, the jails at Dacca and Rajshahye alone showing an increase.

15. The scheme of substituting warder guards for police in all Bengal jails, sanctioned in 1882, is not so favourably reported on by the Inspector-General as for the two years previous to 1883. Their discipline is stated to be lax; there is a difficulty in obtaining recruits; resignations, dismissals, and desertions are numerous in different divisions. The Inspector-General, however, proceeds:—“Although there is much room for improvement in the warder force, I do not think them inferior to the police, for whom they have been substituted. I believe the police officers in those districts in which recruits are difficult to obtain, and discipline bad on account of sickness, find the same causes of complaint with reference to constables as those which impair the efficiency of the jail guards; and, moreover, it is reported in several cases that service in the police is more popular than that in jails, and it must not be forgotten that on account of the strict discipline in the jail guards when furnished by the police, and the comparatively few opportunities of obtaining irregular emolument, it used to be the custom to send constables from the thanas to serve in the jails as a punishment. It appears to me, therefore, necessary to render the jail service more attractive than the police, and to give some compensation for the irksome discipline, the want of liberty, and the difficulty of making irregular profit, whereas I find the men asking in vain for the same pension rules as the police. I see no hope of making the jail warder service thoroughly efficient until I see that a recruit will rather enter it than enrol himself in the police. I think it worth considering whether the difficulty in obtaining recruits in the Presidency, Burdwan, Rajshahye and Dacca Divisions may not be met by giving recruits their choice between enlisting for their own division only or for general service in the province, and by giving some extra pay to those who select the latter.” With regard to the question of pensions, the Lieutenant-Governor has, since the close of the year, sanctioned the re-admission to the benefits of the special police pension rules, on payment of arrears, with interest at 6 per cent. per annum, of the men transferred from the Police to the Jail Department as warders, who, since their transfer, have ceased to pay their contribution. The Inspector-General has also been asked to submit a separate report on the subject of the pension of other jail warders for consideration. The proposal contained in the last sentence of the Inspector-General's remarks quoted above is also one which must be separately dealt with, and the Lieutenant-Governor cannot, in the absence of details, express an opinion on its merits. The number of escapes from jails was 13, the same as in the year preceding, but those from subsidiary jails have increased from 7 in 1882 to 19 in 1883. In every one of the 13 escapes from jails, negligent guarding appears to have been the cause, and the Lieutenant-Governor agrees with Mr. Westmacott in the opinion that there is still something to be desired in the amount of supervision over the warders, both paid and convict. Still, as remarked last year, the number of escapes from jails has greatly decreased during the last few years, and in 1882 and 1883 they

were not one-twelfth of the number in 1872. When, too, it is considered that in 37 out of the 47 jails in Bengal there was not a single escape throughout the whole of the year under report, the general results are quite satisfactory. The particulars given as regards the 19 escapes from subsidiary jails show that these were largely due to the want of security in the buildings. Thirty officials, 27 salaried and three convict, were punished for neglect of duty in connection with the escapes of the year. Of the 32 convicts who escaped, 20 were recaptured, besides four prisoners who had escaped in previous years.

16. A scheme for dividing sleeping wards into cubicles for the segregation of juvenile offenders and the worst class of habitual criminals was approved early in 1883 for introduction into 14 jails. The cubicles are on the model of some referred to in the Report on the Administration of the Jails of the Madras Presidency for 1880, as being in use at the Madras Penitentiary, the beds being separated by wire-netting and wooden posts. Only one compartment of a sleeping ward in each of the 14 jails will at first be provided with the cubicles as an experiment. The Inspector-General of Jails has not stated in his report how far they have been introduced; but if the results are as good as anticipated, the scheme will be gradually extended as funds can be made available.

17. The state of prison discipline during the year is reported to have been satisfactory. The total offences committed by prisoners amounted to 48,580, an increase as compared with 1882 of 10, and a decrease as compared with 1881 of 1,169 offences. The ratio of total punishments to the daily average number of convicts has increased from 320.77 in 1881 to 328.18 and 354.22 in 1882 and 1883 respectively. The number of convicts remaining at the close of 1882, and of those admitted in 1883, amounted to 59,639, and thus the percentage of convicts who committed offences was 81.4. In 1881 this percentage was 76.7; in 1882, 77.4. The offences recorded during the years 1881, 1882, and 1883 are given in the following table:—

YEAR.	Criminal offences.	BREACHES OF JAIL RULES.		Other offences against prison discipline.	Total offences.
		Smoking or possessing forbidden articles.	Offences relating to work.		
1881	111	3,711	27,063	17,904	49,740
1882	76	3,604	26,602	14,288	48,570
1883	88	3,020	26,352	18,620	48,580

The number of offences punished by the criminal courts has thus slightly risen as compared with 1882, though it is less than in 1881. Offences of smoking and possessing forbidden articles have much decreased, and unless this diminution is due to non-detection, it indicates improved vigilance and honesty on the part of the jail warders.

The following statement shows the punishments of the past three years:—

YEAR.	By criminal courts.	Solitary confinement.	Reduced diet.	Solitary confinement and reduced diet.	Corporal punishment.	All other punishments.	Total punishments.	Ratio of total punishments to daily average number of prisoners.	Ratio of corporal punishments to total number of all other punishments.
1881	101	2,463	9,411	2,258	914	31,503	49,740	320.77	1.94
82	79	3,067	5,087	3,998	416	36,827	48,574	328.18	0.84
1883	77	3,261	2,365	2,347	349	40,170	48,569	354.22	0.74

It is most satisfactory to notice that the great reduction which has been made during the past two years in punishments by whipping and penal diet has not perceptibly been followed by an increase in the total number of punishments. The number of whippings has fallen from 8,232 in 1879 to 349; and the number of prisoners sentenced to reduction of diet from 16,314 in 1880 to 2,365. More than half of the latter punishments were for offences relating to work, 194 were for smoking and having forbidden articles in possession, 112 for quarrelling and talking, 75 for insubordination and malingering, 74 for stealing and spoiling jail property. The numbers of prisoners sentenced to reduction of diet at Midnapore District and Central, Bhagulpore Central and Bogra Jails, were very

large, being 508, 413 and 298 respectively, and in two of them, the Midnapore and Bogra Jails, the ratio per mille of deaths to the daily average number of prisoners was very high.

18. In reviewing the Administration Report of the Bengal Jails for 1882, and the Resolution of this Government thereon, the Government of India remarked as follows:—

“The number of jail offences again showed an increase during the year under report. It is unsatisfactory to observe that these figures show no signs of diminution. The percentage of breaches of jail discipline to the total number of male convicts as gauged by the statistics given in the annual reports has been excessively high during the last four years, and the proportion is far higher than in any other province. The high ratios of the years from 1879 to 1882 are ascribed to the more careful registration of offences, and to improved supervision on the part of jail officers. The Government of India are willing to accept this explanation as accounting in part for these generally high rates. At the same time the Governor-General in Council is constrained to observe that the improved system of registration, on which the Inspector-General relies in explanation of the figures, has been in force now for some years. It is difficult to believe that, as compared with former years, the system has been worked so much more thoroughly of late as to account completely for this general deterioration in the conduct of the prisoners. I am to suggest that possibly the infliction in a few cases of more exemplary punishments than are ordinarily imposed might do something to reduce the number of petty offences. I am also to suggest that, in view of the fact that most of these offences are in connection with work, some enquiry should be made as to how the tasks imposed in Bengal compare with those in other provinces. There is undoubtedly some radical difference of system either in the manner of dealing with jail offences, or in the character of the task work.” On receiving this letter the Lieutenant-Governor desired the Inspector-General of Jails, Bengal, to place himself in communication with the Inspectors-General of Prisons, North-Western Provinces and Oude, the Punjab, Madras, British Burmah, and Assam, on the plan adopted in those provinces for the registration of offences. The result of the enquiries made confirms the opinion previously expressed by this Government that the large number of offences shown in the jails of these Provinces, as compared with others, is due only to the fact that all offences, however trivial, which may be brought to notice, are carefully and precisely recorded in Bengal, and that no penalties for such registered offences are ever imposed except under the orders of the Superintendent of the Jail. The Inspector-General observes that the great difference lies, “not so much in the amount of task exacted, as in the fact that the system of recording offences adopted in Bengal is diametrically opposed to that existing in other Provinces. We in Bengal consider an insignificant number of offences recorded as a direct indication of failure on the part of subordinate officials to measure tasks, examine the quality of the work, and notice offences against jail discipline. In most of the other Provinces it would seem as if a small number of offence is supposed to indicate good management.....As long as this view prevails in high quarters, Statement VI might as well be cancelled as an annual jail return, for it can never indicate, even approximately, the truth as to the number of breaches of rules which have been committed during the year.” Dr. Lethbridge's remarks are borne out by facts adduced regarding the task-work and punishments in the jails of other Provinces; and the practice of a detailed record daily of every kind of offence in the Bengal jails was tested and proved to be correct by the personal examination of the registers of all the jails visited during his tours by the Lieutenant-Governor. The nominal increase in the percentage of jail offences to the number of convicts began when a strict record of petty offences was insisted upon. Before 1879 there were jails in which no record was made of petty offences, the punishment registers showing that for days and weeks together there had been no offences. This nominal increase has been maintained with no very marked fluctuations, except perhaps in 1880, ever since. It is an increase not necessarily or even probably in the number of offences, but in the number of those recorded. The period at which this change was made coincided, it is true, with that at which the discouragement of the punishments of flogging and reduced diet for petty

offences began ; but that the latter was not the cause of the nominal increase is conclusively proved by the fact that the number of the lighter forms of punishment has not increased in anything like the ratio in which the number of these severer punishments have been diminished. The Lieutenant-Governor is therefore unable to believe that the infliction in a few cases of more exemplary punishments than are ordinarily imposed, as suggested by the Government of India, would have any appreciable effect on the number of petty offences, the punishments of which in a vast majority of cases consist only of warnings and reprimands and similar expressions of censure.

19. The percentage of convict officers, male and female, to the daily average number of prisoners, increased from 7.02 and 6.98 in 1881 and 1882 to 7.06 in 1883, the increase being rather larger in the number of the male than of the female officers. The number of punishments inflicted on them was somewhat less in the year under review than in that preceding it, being 1,473 as compared with 1,578. The mark system is reported to work well, and to be understood by the prisoners ; but the average remission gained by prisoners sentenced to two years' imprisonment has varied very slightly during the last five years.

20. The total expenditure for the year, excluding that on new buildings by the Public Works Department, was Rs. 10,32,695, as against Rs. 10,36,212 in 1882. This is the lowest expenditure since 1875, except that in 1881, when grain was abnormally cheap. The cost of dieting the prisoners, however, rose from Rs. 3,06,138 in 1882 to Rs. 3,16,649 in 1883, although the daily average number of the prisoners confined fell in the same period from 16,155 to 15,026 ; the average cost of each prisoner thus rose from Rs. 64.23 to Rs. 68.11.7. The increase in the cost of diet is chiefly due to the great increase in the cost of cereals, more particularly in the latter part of the year, throughout these Provinces. The average prices of the chief articles of prison diet for the last five years are given in the following table :—

			1883.	1882.	1881.	1880.	1879.
			Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Rice	...	...	1 15 1	1 9 0	1 7 6	2 0 3	2 15 0
Wheat (flour)	...	...	4 3 2	4 7 0	4 1 3	4 9 5	5 5 0
Maize	...	...	1 7 3	1 2 3	1 1 5	1 9 5	2 0 3
Dāl	...	...	2 6 5	2 3 6	2 1 6	2 11 10	3 15 0
Meat	...	...	7 13 5	7 1 9	7 1 0	7 4 1	7 5 0
Fish	...	...	8 2 10	7 3 0	7 6 7	7 10 0	7 14 0
Salt	...	...	3 5 9	3 8 6	4 5 8	4 7 3	4 10 0

The general rise in the price of cereals was, however, not the only cause of the increased cost of dieting the prisoners. The Inspector-General also ascribes it to the more common practice adopted by medical officers in improving the food of prisoners whenever their health appeared to require it. Changes in the fixed diet-scale were frequent. Increased expenditure on diet must, in the Lieutenant-Governor's opinion, be a secondary consideration to the health of the prisoners, and, so long as it is not incurred without due cause, cannot be objected to. There appears no ground for supposing that increased diet was in any case allowed unnecessarily. Indeed, as the Inspector-General remarks, the jails which show an expenditure above the average under this head were those in which the changes in the fixed diet scale were not only frequent, but had to be continued for medical reasons almost throughout the year. In the Ranchhee Jail, the cost of animal food alone amounted to Rs. 700. In Lohardugga, from 23rd June to 31st August, one chittack of extra meat and vegetables were issued to all prisoners on account of the high rate of sickness and mortality among them. From 7th May to 31st August two chittacks of *dahi* were issued to each labouring prisoner in lieu of dāl. From 1st September one chittack of meat or *dahi* was allowed in place of one chittack of dāl. In the Julpigoree Jail meat was issued twice and *dahi* once a week to all prisoners from January to 17th July. In all such matters, subject to the Inspector-General's control, a large discretion must be left in the hands of the local medical authorities. Excluding the Presidency (European) jail, the five jails in which

the average expenditure per prisoner for diet compared with the year 1882 was highest were—

			1883.			1882.		
			Rs.	A.	P.	Rs.	A.	P.
Darjeeling	...	...	34	3	1	34	13	8
Lohardugga	...	...	26	0	0	17	10	9
Julpigoree	...	...	25	12	6	23	9	5
Dacca	...	...	24	13	6	20	0	1
Hazaribagh	...	...	24	9	4	20	2	9

and the five in which this expenditure was lowest were—

			1883.			1882.		
			Rs.	A.	P.	Rs.	A.	P.
Bhagulpore	...	...	17	5	9	15	8	2
Singbhoom	...	...	16	15	7	11	9	6
Pooree	...	...	15	15	4	13	7	5
Manbhoom	...	...	15	5	7	15	10	10
Jessore	...	...	14	6	7	16	4	10

21. The charge for establishment, which was in 1882 Rs. 3,76,450, rose to Rs. 4,06,847. The increase was thus Rs. 30,397. The scheme for the substitution of warders in place of police constables in reserve guards, which had already been carried out in 15 of the jails, was, in December 1882, sanctioned for extension to the remaining district and central jails, Alipore excepted. The increase was also partly due to the opening of the new jail at Khoolna, and to an increase in the salaries of 15 of the warders in the reserve guard employed in the Presidency Jail, and other small items. The expenditure on police fell from Rs. 31,249 to Rs. 3,701 in consequence of their abolition as reserve guards.

22. The average cost per head of sick in hospital rose from Rs. 44-3-7 and Rs. 50-10-11 in 1881 and 1882 respectively to Rs. 55-13-2 in 1883, the increase being attributed partly to increased cost of provisions, and partly to greater liberality in the treatment of the sick. The cost of clothing in jails decreased from Rs. 64,231, an average cost per head of Rs. 4-3-9 in 1882, to Rs. 50,169, an average of Rs. 3-8-0 in 1883, and is lower than any year since 1878, except 1881. The diminution was chiefly due to the smaller number of admissions and to the fact that some clothing indented for in 1882 was not brought into use till 1883. The charge for contingencies was Rs. 55,481, showing a small increase of Rs. 404 over the preceding year. The table given in paragraph 72 of the Report shows the average cost per prisoner in each jail in Bengal. The four most economically managed jails are shown to be those at Jessore, Manbhoom, Pooree and Singbhoom, while the four in which the expenditure was highest are, excluding the Presidency Jail for Europeans, Darjeeling, Khoolna, Julpigoree and Dacca District and Central. It is doubtful, as regards the Jessore Jail, whether the economy in its management has been justifiable. The Inspector-General reports that he finds that the prisoners have not been fed according to the fixed diet-scale; but almost entirely on rice and vegetables. The consequence of this has apparently been that the prisoners have lost weight to a serious extent, and that their clothing is very indifferent. The Inspector-General, who has since visited the jail, has been requested to make a full report on the result of his inspection. As regards the four jails in which the expenditure has been highest, the one at Darjeeling is of course exceptional, the Julpigoree Jail has been so during the past year owing to its unhealthiness and the consequent necessity for supplying the prisoners with increased rations; while in the Dacca and Khoolna jails, large quantities of vegetables have had to be purchased. In both these jails, certainly in the latter, it is expected that the necessity for doing so in future will be obviated.

23. The decrease in the average number of prisoners sentenced to labour has been continuous for the last five years. In 1883 the number was 13,494-80, being 1,074-57 less than in 1882. Of these, 2,071 were employed on prison duties either as officers or servants, 729 in gardening, 403 in preparing articles for prison use, 199 in jail repairs, 2,392 on jail buildings either under the Superintendent or the Public Works Department, and 5,817 on manufactures. The only instances of extramural employment of prisoners by the Public Works

Department appears to have been at Julpigoree, where, in May 1883, some prisoners being sent into camp on account of an outbreak of cholera in the jail, 394 of them were employed in repairing some houses for their own accommodation. In two instances, at Noakholly and Cuttack, a small number of prisoners was employed by the Municipality. In consequence of the completion of many of the larger jail buildings, fewer convicts were employed in building than in 1882, in which year the daily average number was 3,376. The rest of the labouring prisoners were engaged on manufactures, the percentage of convicts so employed to the total average number being 43·32 as against 39·12 in the previous year.

24. The new form of statement prescribed by the Government of India shows the net cash earnings of convicts sentenced to labour, instead of the result of their employment during the year; and the details formerly required regarding the value of raw materials, manufactured articles, outstanding bills, and other items of debits and credits are no longer required. The following table shows the cash earnings for 1882 and 1883:—

		1882.			1883.		
Average number of prisoners sentenced to labour	...	14,569	37		13,494	80	
Ditto employed in jail manufactures	...	5,699	76		5,847	26	
		Rs.	A.	P.	Rs.	A.	P.
Cash balance on manufacturing accounts in hand, 1st January	...	20	0	0	2,972	14	0
Cash drawn on manufacturing accounts during the year	...	8,35,004	0	0	7,83,027	9	0
Total debits	...	8,35,024	0	0	7,86,000	7	0
Paid into treasury on manufacturing account	...	11,70,545	0	0	10,75,554	7	0
Cash balance on 31st December of the year	...	2,973	0	0	3	8	0
Totals	...	11,73,518	0	0	10,75,557	15	0
Cash earnings	...	3,38,494	0	0	2,89,557	8	9
Average earning per head on average number sentenced to labour	...	23	4	0	21	7	0
Average earning per head on average number employed in jail manufactures	...	59	6	0	49	8	0

The difference in cash earnings, therefore, between 1882 and 1883, as calculated according to the new method, is Rs. 48,936·8 in favour of the former year. The result of the year's manufacturing operations, however, calculated according to the method which has hitherto been in use as shown by the Inspector-General, gives a profit of Rs. 3,52,730 less by Rs. 1,09,289 than that of 1882. The Inspector General observes—"Many causes have brought about this result. The uncertainty that followed the Government of India Resolution on jail manufactures has had its effect. This has been pretty general, although it has affected some jails, notably Bhagulpore, more than others. Then a very unfavourable market for gunnies, with a high rate for the raw material, has seriously lowered the profits of one of our most paying jails. The lower rates for printing at the Presidency Jail Press have also ruled for a whole year; hence the decreased earning at that institution." The average earnings of the prisoners in the central jails varied from Rs. 70·3 at the Presidency to 1 anna at the Dacca Jail. At the Alipore Jail the excess of credits over debits was Rs. 1,10,714·13, an average earning per prisoner of Rs. 57·9, being Rs. 32,350·3 less than in 1882. The price of jute was throughout 1883 abnormally high, and the factory suffered in common with free labour factories. At the Presidency Jail the rates accepted by the Government of India Press in their contract with Mr. Ellis have been in force since August 1882. The total earnings amounted to Rs. 83,424·10, out of which Rs. 79,309·7·6 were earned by press work. The minor industries of the jail were wheat-grinding and the making of elephant gear for the Commissariat Department. At the Buxar Central Jail an average of 443·44, out of an average of 926·29, prisoners sentenced to labour was employed on manufactures. In 1883 the nominal profits fell from Rs. 31,853 in 1882 to Rs. 17,337, the profit in 1881 having been Rs. 10,145. The bulk of the manufactures in this jail are from Government

in the shape of police and prisoners' clothing. In 1882 a new industry, that of tent-making, was started; but it does not appear to have been as yet very successful. At first great complaint was made by the officers to whom they had been supplied of the inferior quality of the tents. Steps were therefore at once taken to remedy the defects pointed out. The Inspector-General now reports that in this respect satisfactory progress has been made, and that the quality of the cloths, &c., now used is so good that the tents cannot be made for the contract rate, and that this industry has been carried on at a loss. This, Mr. Westmacott thinks, will not continue, and that, when this manufacture has become more established and understood, larger tasks will be exacted, while a stricter economy of material will grow up with the experience gained from constant practice. The profits of the Bhagulpore Central Jail are reported to have diminished owing to the home demand for carpets having fallen off and to delay in the despatch of certain stores required for the woollen factory. The stores indented for have since been despatched from England. The outturn of coir-matting at the Midnapore Central Jail, where it is the staple industry, is reported to be far in excess of the local demands, and the Inspector-General should consider whether it is worth continuing the manufacture of this article if the demand for it is so limited, and whether some other industry might not profitably be substituted for it. At Rajshahye the decrease in the profits on castor-oil making is attributed to the increased rates for seed, with no corresponding rise in the contract rates for oil. The experiments in silk-worm rearing, commenced last year, are reported to have completely failed. The Hazaribagh Central and the Hooghly District Jail show increased profits, the former in aloe fibre, and the latter in oil-pressing and bag-sewing. At Chittagong the jailor, who has since absconded, embezzled, it has so far been ascertained, Rs. 2,740-13-3. This embezzlement he effected by non-payment into the treasury of money remitted through him, by drawing from the treasury on a forged bill, by non-payment to a creditor of the jail of a sum due for coal, and by fictitious sales. The exact amount of his defalcations has not yet been ascertained, and the Lieutenant-Governor expects a further report from the Inspector-General on this matter. It is so far evident, however, that these frauds could not have occurred had the Superintendent insisted on the submission of proper vouchers, and personally scrutinized the accounts. Instructions will be issued on this point on the receipt of the further report which has been promised by the Inspector-General. The difficulty of finding suitable, and at the same time fairly, remunerative labour for the prisoners in district jails has been much increased by the now settled policy of transferring all but the comparatively short-term prisoners to central jails. Mr. Rivers Thompson will await the proposals of the Inspector-General. For the present, it will be sufficient for him to call attention to the recommendation of the Prison Conference of 1877 that, so far as possible, district jails should be made branch manufactories subordinate to central jails, the Superintendents of the latter supplying the former with work, and undertaking to dispose of their manufactured products.

25. Owing to the annual deduction of 10 per cent. for wear and tear, the machinery account has been reduced, notwithstanding the introduction of some new machinery into the Darjeeling Jail, from Rs. 5,22,108 to Rs. 4,99,808. The Government of India, by their Resolution No. 20—1406-19, dated 22nd September 1882, prohibited the introduction for the future of steam machinery into any jail, and directed that no European machinery driven by tread-mills, capstans or other applications of convict labour, should be introduced in any jail where it does not now exist. The Lieutenant-Governor requested a reconsideration of this decision. No final decision has yet been communicated, and, as pointed out in the 6th paragraph of this Government letter No. 85P—D, dated 21st April last, the jail manufactures in this Province are in some instances being seriously affected. The Lieutenant-Governor can only repeat the hope already expressed that the settlement of this important question may not be much longer deferred.

26. The new Subsidiary Jail Code came into force from the commencement of the year 1883, and the subsidiary jails are now directly under the general control and supervision of the Inspector-General. The Sub-divisional Officer is still the Superintendent acting under the instructions of the District

Magistrate, and bound to report to him all matters of importance affecting his charge; but all correspondence relative to it, together with the bills and returns, is forwarded to the Inspector-General direct. The clerical work continues to be performed by the Assistant Surgeon or Civil Hospital Assistant at the sub-division, when appointed as Deputy Superintendent. The Inspector-General reports that these changes have led to the more punctual and careful submission of bills and returns; but that the management of the subsidiary jails by the sub-divisional officers has not been so well attended to as could be desired. He proposes therefore to issue a form of inspection report on the system of half-marginal answers to printed questions, so that the duty of supervising the details of management may not be evaded. The Lieutenant-Governor has no objection to Mr. Westmacott's proposal, if the report is kept within moderate limits, and the questions are limited to a few really important matters, and do not go too much into detail. The average daily number of prisoners in each subsidiary jail during 1883 was only 8.3, and it is not desirable that sub-divisional officers, who have generally onerous duties to perform, should be burdened with the preparation of unnecessary forms and statements. For the rest, it is the duty of Magistrates of districts to see that the sub-divisional officers do not neglect their duties. The total number of prisoners admitted during the year was 25,006 as against 28,136 in 1882. The daily average number was 674.53, a decrease of 76.09 compared with the preceding year. Of these the daily average number of convicts was 264.72, a diminution of 25.84 in the number in 1882. The number of deaths of convicts fell from 13 to 9. The average period of detention of convicts was 7.06 days, and has only slightly varied in the last seven years. The periods of detention at Palamow, Madaripore, Ungool, Bagirhat and Khondmehal ranged from 25.13 to 13.58 days owing to special causes. The number of convicts who escaped and were not recaptured was six against two in 1882. The number of under-trial prisoners admitted was 11,816, a decrease of 1,163, the daily average number being 407.32. There were four deaths among them, one resulting from cholera. In 1882 there were eight deaths. Thirteen escaped and were not recaptured. The under-trial prisoners were detained on an average 12.58 days as against 12.88 in 1882 and 11.70 days in 1881. Eight subsidiary jails, viz. those at Chandpore, Raneegunge, Moonsheegunge, Magoorah, Brahmunberiah, Ghattal, Attia, and Netrokona show an average detention of under-trial prisoners of considerably above 19 days, while the first two show an average detention of over 25 and 22 days respectively, and explanations will be called for from the sub-divisional officers concerned. The number of prisoners who escaped from the subsidiary jails was 43, of whom 19 were convicts and 24 under-trial prisoners. Thirteen convicts and 17 under-trial prisoners were recaptured. The warders when in fault appear to have been severely punished. Many of the subsidiary jails, however, are constructed with merely wattled bamboo and plaster, and are therefore so insecure that it is matter for surprise that more escapes do not occur. These buildings are, as funds become available, being gradually replaced by more substantial ones. During the past year the subsidiary jails at Oolooberiah, Gopalgunge, and Giridhi have been built of masonry, and similar buildings were in course of construction at Perozepore, Nowada, and Aurungabad. The expenditure of the Public Works Department on subsidiary jail buildings was Rs. 93,029.

27. The following table shows the expenditure on subsidiary jails for the years 1882 and 1883:—

Average number of prisoners ...	751 1882.			675 1883.		
	Gross.	Average per prisoner.		Gross.	Average per prisoner.	
	Rs.	Rs.	A. P.	Rs.	Rs.	A. P.
Rations ...	13,536	18	2 8	13,327	19	13 4
Establishment ...	49,041	65	5 9	47,429	70	4 9
Hospital ...	235	0	5 0	176	0	4 1
Clothing ...	255	0	5 5	253	0	6 0
Second class Public Works ...	4,621	6	2 5	4,183	6	3 1
Miscellaneous contingencies ...	9,831	13	1 6	12,315	18	3 10
Total ...	77,539	1 3	3 11	77,683	115	0 5
Public Works ...	56,287	74	15 2	93,029	137	13 1
GRAND TOTAL ...	1,33,826	178	3 1	1,70,712	252	13 6

Out of a daily average of 215·66 prisoners sentenced to labour, 137·24 were employed on manufactures. It is not stated what was the general nature of the work. The net profits are, however, stated at Rs. 2,297, a decrease of Rs. 57 compared with the preceding year. The employment of prisoners on garden, road-making, or other labour involving the removal of the prisoners from inside the subsidiary jail walls has been forbidden by the new rules. The daily average number of sick was in 1883 only 7·13 as compared with 8·59 in 1882, and the death-rate fell from 46·3 to 33·9 per mille among convicts, and from 17·2 to 9·8 among under-trial prisoners. There was no change in the diet-scale during the year. The rules prescribed by Chapter IX of the new Code, respecting the guarding of these jails, are stated to have worked on the whole satisfactorily, though frequent cases of laxity and mismanagement came to light. The warders employed belong to the district jail establishment, and are liable at any time to transfer, the Superintendent of the district jail making all arrangements for granting leave other than casual. The Superintendents of the subsidiary jails at Kooshtea, Bongong Cutwa, Ghattal Contai, Serampore, Behar, Jehanabad, Buxar, Godda, Goalundo, Jamalpore Kishoregunge, Ungool and Bisipara, will be called on to explain the cause of the few inspections made by them of their respective charges during the year.

28. In paragraph 24 of the Resolution on the Jail Report for 1882, the Lieutenant-Governor, after referring to the steps which had of late years been taken to improve the health of the jail population, expressed the hope that they would "bring about a diminution both in the sickness and mortality in the Bengal jails in the current year," i.e. the year under report. It is with satisfaction that Mr. Rivers Thompson notices that this hope has been realized in both respects.

The vital statistics for the first time since 1878 show a great and decided improvement. The following table shows the sickness and mortality in Bengal jails since 1863:—

Years.	Daily average number of prisoners.	Daily average sick.	Ratio per mille of daily average sick.	Deaths			Death-rate per mille of average strength			REMARKS.
				From cholera.	From all other causes.	Total number of deaths.	From cholera.	From all other causes.	From all causes.	
1863	15,543	847	51·4	338	1,223	1,561	20·5	74·3	94·8	All classes of prisoners.
1864	16,739	814	48·6	231	804	1,035	13·8	48·0	61·8	
1865	17,439	766	43·9	182	790	972	10·2	45·3	55·5	
1866	20,083	740	34·6	684	1,639	2,323	33·0	74·0	107·0	
1867	18,733	608	32·6	102	916	1,018	9·0	49·0	58·0	
1868	18,001	646	35·7	122	802	924	7·0	44·0	51·0	
1869	18,476	676	36·6	176	771	947	9·0	47·0	56·0	
1870	18,646	823	43·9	171	659	830	9·0	36·0	45·0	
1871	17,000	838	49·3	38	661	699	2·0	38·0	40·0	
1872	19,106	673	35·2	117	8·5	1,002	6·0	46·0	52·0	Convicts and under-trial prisoners only.
1873	20,142	689	34·2	128	892	1,020	6·0	41·0	47·0	
1874	21,539	782	36·2	145	1,027	1,172	7·0	47·0	54·0	
1875	21,267	835	39·2	96	949	1,045	4·0	45·0	49·0	
1876	21,672	849	39·1	267	975	1,242	12·3	45·0	57·3	
1877	18,702	790	42·2	161	763	924	8·0	40·8	48·8	
1878	18,611	803	43·1	215	1,072	1,287	11·5	57·6	69·1	
1879	18,493	947	51·2	341	1,411	1,752	18·4	76·4	94·8	
1880	17,402	941	53·8	31	1,100	1,131	1·7	61·8	63·5	
1881	16,520	873	52·8	85	1,014	1,099	5·1	61·4	66·5	
1882	16,002	849	53·3	151	933	1,084	9·5	58·8	68·3	
1883	14,776	729	49·3	61	701	762	4·1	47·4	51·5	
Total	577,168	16,112	41·6	3,872	19,827	23,699	10·0	51·2	61·2	
Average	18,436	767	41·6	184	944	1,128	10·0	51·2	61·2	

Thus, though the ratio of the daily average sick per mille was only 4·0 less than in the preceding year, the ratio of deaths from all causes was 16·6 less. The ratio of daily average sick was 7·7 per mille above the average of the preceding 20 years; that of deaths was 9·7 below it. This seems to indicate either that the diseases themselves were not so severe as usual, or that the circumstances under which they were treated were more favourable to recovery than before. The sickness and mortality among the prisoners in the Bengal jails have, for some years past, been the subject of most anxious attention on the part of this Government, and every effort has been made to improve the condition of the jails and of their inmates. Large sums have continued to be

spent on improving jail buildings; the diet of the prisoners has been varied or increased whenever the health of the prisoners rendered this advisable; a better water-supply has been provided; additional sleeping space has been allotted to the prisoners; and the severer forms of punishment have practically been abolished, except for the grosser offences. Extra-mural labour—a form of employment not well suited to prisoners in these Provinces—has been sparingly resorted to, while the benefit of concentrating prisoners in the healthier central jails has been steadily kept in view. On the outbreak of an epidemic as well as on the occasion of an exceptionally high rate of mortality occurring in any jail, a special enquiry has been held, with the view, if possible, of ascertaining the causes and removing them. Officers in charge of jails continue to lay great stress on the argument advanced in previous years of the death-rate in our jails being largely affected by the health or sickness of the free population. The Lieutenant Governor has, in the Resolution on the last Report, fully considered this matter, and he adheres to the opinion he before expressed. He has already commented on the fallacy of instituting comparisons between the vital statistics of the native army composed of men specially selected for their health and physique and the malaria-saturated lower classes of an unhealthy Bengal district, who, enfeebled by disease, are unable to work for their living, and are thus driven to crime. This is the class that forms the bulk of our jail population in Bengal, and when the state of health of these people on admission into jail is considered, it seems no matter for surprise that the death-rate should be too frequently a high one. That this is not due to preventable causes in connection with the jails themselves seems proved by the fact that the mortality is always highest among the recently admitted prisoners. This was referred to in paragraph 23 of the Resolution on the Jail Report of 1882. It is again noticed by Dr. French in his report on the mortality in the Patna Jail during the year under report. As illustrating these remarks, the following table, exhibiting the state of health in which the prisoners who have died during the last five years were admitted into jail, has been prepared. This will show that, during this period, there has been a considerable decrease in the number of deaths among those who were admitted in good health and an increase among those in indifferent and bad health. “The full significance of the term bad health,” writes Dr. Lethbridge, “in a malarious district can only be appreciated by those who have had the misfortune to deal medically with these cases. The opinion that it is hopeless to expect much improvement in the death-rate when the whole free population are more or less diseased is not limited to the medical profession, for I am constantly receiving the testimony of district officers and official visitors to this effect. An officer on the eve of retiring from the service goes so far as to recommend seriously that, instead of having jails in unhealthy districts like Julpigoree, Government should establish ‘penal hospitals’ for diseased criminals.” One more fact may be adverted to in support of the same theory. The Inspector-General remarks: “It will be seen that the death-rate among under-trial prisoners in jails was 45·5 per mille, or only 7·9 per mille less than that among convicts. If we consider that the average detention of under-trial prisoners was only 16·82 days, and that they were not subjected to labour or penal discipline, some idea can be formed of the condition in which prisoners are received into our jails from the outside population.”

			State of health at admission into jails excluding subsidiary jails of those who died during the year.			Proportion to total deaths.		
			Good.	Indifferent.	Bad.	Good.	Indifferent.	Bad.
1879	...	...	987	306	362	56·88	22·25	20·87
1880	...	...	519	312	289	46·34	27·86	25·80
1881	...	...	546	263	270	50·60	24·38	25·02
1882	...	...	517	295	251	48·60	27·75	23·61
1883	...	...	283	231	236	37·73	30·80	31·47

29. The death-rate per mille of all classes of convicts, excluding that from cholera, was 49·2 as against 60·0, 63·1, 63·6, 79·6 in 1882, 1881, 1880, 1879, respectively. The number of cases of intermittent fever has but slightly increased, and the jails have suffered in common with many districts from the extraordinary prevalence of malarious fever. In the number of admissions and deaths from dysentery and diarrhoea—diseases closely connected in this country

with malaria—there was a considerable decrease, the ratio of admissions having fallen from 527·3 to 502·3, and of deaths from 29·2 to 22 per mille as compared with 1882. The deaths from cholera among convicts and under-trial prisoners were 61. The year may, therefore, be considered to have been an unusually favourable one so far as this disease is concerned. Julpigoree was the only jail where it prevailed in a severely epidemic form. Here it attacked 16 prisoners, chiefly new admissions, of whom 13 died. Contrasted with this there were 20 cases in the Bhagulpore and Buxar Jails with only two deaths. The average of deaths from this disease during the past 21 years is 184. During the past four years, in which increased attention has been paid to the jail water-supply, the average of cholera deaths has fallen to 82. Ten jails show death-rates exceeding 75 per mille, the average for convicts in jails being 53·4 per mille. These are—

		Death-rates from all cases.		Death-rates, exclusive of cholera.	
		1883.	1882.	1883.	1882.
Julpigoree	...	261·9	75·3	131	75·3
Lohardugga	...	198·0	119·9	191	119·9
Rungpore	...	196·9	73·5	196	73·5
Bogra	...	148·0	122·9	148	122·9
Nuddea	...	118·3	60·3	118·3	60·3
Dinagpore	...	107·6	117·6	107·6	117·6
Midnapore (District and Central)	...	104·5	52·2	103·2	50·9
Patna	...	88·8	37·0	62·2	37·0
Dacca (District and Central)	...	78·8	75·2	78·8	29·2
Beerbhoom	...	78·8	117·5	70·1	111·6

With regard to the mortality of the prisoners in the Julpigoree Jail, the Superintendent, in his Medical Report for the year, observes: "The chief causes of sickness are shown in the return to have been bowel affections, but in nearly every case these are merely symptomatic of a general diseased condition, the result of prolonged exposure to malaria. It is unnecessary for me to enumerate here the conditions that result from repeated and severe attacks of malarial fever. Suffice it to say that these conditions are met here in the most pronounced form, so much so that I think it is reasonable to suppose that these miserable broken down creatures being unable to provide for themselves in a legitimate fashion degenerated from sheer necessity into the criminal classes. . . . The mortality during the year was excessive, there having been a total of 35 deaths, or a percentage of 29·82. This has been exceeded in former years, and when the deaths from cholera, amounting to 19, or a percentage of 16·18 are excluded, the result is not so surprising considering the class of the prisoners. . . . There were six deaths with less than a fortnight's residence in jail." At Lohardugga there were 29 deaths of convicts (including one suicide) on an average daily strength of 137·71, 17 of them being from bowel-complaints. Of the total number who died, 18 were received in bad health and 14 died within six months of their sentence. It appears probable that the mortality was in some degree due to the unhealthiness of the temporary sheds in which the prisoners had to sleep while their new barracks were being built. The great increase in mortality at the Rungpore Jail was the subject of a special enquiry and report. The result has been to confirm previous experience, that in a generally diseased condition of the outside population, the jail mortality is practically uncontrollable. In his Report, the Superintendent observes: "The sanitary statistics of the year 1883 show it to have been a very unhealthy one. In 1883 there were 38,058 deaths against 28,311 the year before, or equal to 134·42 per cent. of the mortality of 1882. Towards this result deaths from fever contributed mostly, being 32,643 against 23,878, or an increase of 8,765. If such an actual mortality resulted from this cause, it is probable that the deleterious effect on the health of those who did not actually succumb was proportioned. Such certainly is supported by the general aspect of the great majority of the population, especially those from the district, and equally so by an analysis of the admissions into this jail during the last three months—November, December, and January. In November, out of 58 admissions, 14 only were in good health on arrival at the jail; in December 13 out of 40; in January 13 out of 63. Since my arrival here in the middle of December, I have frequently had occasion to see batches of prisoners on their arrival here from sub-divisions. After having seen jail service in Burmah and the Andamans, besides other parts of India, I have no hesitation in saying

that the class of convicts admitted into this jail are in by far the most diseased state I have ever witnessed. On arrival they are commonly in a state of some acute disease, such as dysentery, fever, or diarrhoea, in addition to presenting the characteristic appearance which is common to almost all, viz., enlarged spleen, general emaciation, and advanced anæmia I never met a class of people so indifferent to their own health or chances of recovery The most important factors of mortality are dysentery, fever, diarrhoea, and consumption. The well-known relation subsisting between malarious fever and dysentery is well illustrated in their cases. In a number of instances, convicts seem to have been through such a long course of these diseases, that the digestive tract attains a condition of disorder which renders the assimilation of any diet imperfect, and in part explains another great difficulty met with in treating such cases. This is their indifference to the action of drugs as ordinarily administered. Such medicines as ipecacuanha, opium, the mineral acids and salts, &c., produce little or no effect in checking the drain either in dysenteric or diarrhoea cases. Of all drugs cinchona febrifuge in rum seems most effectual."

30. A similar diseased condition of the people prevailed in the adjoining district of Bogra, and was undoubtedly the cause of the high rate of mortality shown in that jail. At the Nuddea Jail there were 19 deaths in an average daily strength of 160.55 convicts. The district was highly malarious. The death-rate in the Dinagepore Jail, though still high, shows a decrease of 10 per mille compared with the preceding year. This jail is also in a fever district. The sudden change in the general health in the Midnapore Jail was the subject of careful enquiry, but the cause remained undiscovered. A change from well to river water, however, had an immediate and very beneficial effect, though analysis failed to show that the former was not fit for drinking purposes. Of the 82 prisoners who died, 56 had been admitted in bad or indifferent health. Out of 20 deaths at the Patna Jail, six were from cholera, and in all the 14 remaining cases the prisoners were, when admitted, in bad or indifferent health. The unhealthiness of the Dacca Jail was, as in the case of the Lohardugga Jail, due in some measure to the want of proper accommodation. This cause will not be removed till the new buildings now in progress are completed. In addition to this cause, the generally bad condition of health of the prisoners on admission must be taken into account. Dr. Crombie remarks that out of 574 prisoners admitted in August, September, October, and November, no less than 325 were in bad or indifferent health. The death-rate at the Beerbhoom Jail, fell considerably, but was still, owing, it is stated, to the general state of ill-health in the district, very high. The death-rate among prisoners in the jails, taken as a whole, has much diminished, the reduction in that from cholera may perhaps continue, and the completion of the large jail operations may have a beneficial effect on the general health of the jail population. But in face of the experience of the last few years, Mr. Rivers Thompson cannot hope that the mortality among prisoners will be materially reduced until sanitary reform has reached the interior of our districts and there is a permanent improvement in the health of the general population.

31. Dr. Lethbridge, the Inspector-General of Jails, visited every jail in the Province at least once—some more than once—within the year. The Lieutenant-Governor is gratified to learn that the result, with few exceptions, of the inspections, was satisfactory. The Magistrates of Nuddea, Chittagong, Sarun and Durbhunga will be called on to explain the cause of their failure to comply with the orders of Government that they should visit their respective jails weekly. Mr. Rivers Thompson regrets to record that Dr. Lethbridge, whose long experience and untiring devotion to his duties have had a most beneficial influence on the jail administration of these Provinces, has, since the close of the year, been compelled by very serious illness to proceed on furlough to Europe.

ORDER.—Ordered that a copy of this Resolution be forwarded to Inspector-General of Jails for information and guidance, and to all Commissioners for information and for communication to the District and Sub-Divisional Officers in their divisions.

Ordered, also, that a copy of this Resolution, and a copy of the Report, be submitted to the Government of India in the Home Department.

Ordered, also, that a copy of this Resolution be published in the *Calcutta Gazette*.

By order of the Lieutenant-Governor of Bengal,

F. B. PEACOCK,

Secretary to the Govt. of Bengal.

REVIEW OF THE TRANSACTIONS OF THE FINE FUND ON THE
STATE RAILWAYS IN BENGAL FOR THE YEAR ENDED
31st MARCH 1884.

No. 1892R.A.

GOVERNMENT OF BENGAL.

PUBLIC WORKS DEPARTMENT,—RAILWAY.

Calcutta, the 27th June 1884.

READ—

No. 2816, dated 16th April 1884, from Manager, Tirhoot State Railway.

„ 1481-2A, dated 19th April 1884, from Manager, Calcutta and South-Eastern and Nalhati State Railways.

„ 276A, dated 22nd April 1884, from Manager, Northern Bengal State Railway Resolution No. 238T—RA, dated 30th April 1883.

OBSERVATIONS.—The reports received from the Managers of all State Railways in this Province on the transactions of the fine fund for the year 1883-84 show a total of Rs. 3,840 at the credit of the fund on the 31st March 1884, or Rs. 309 in excess of the previous year.

2. On the Northern Bengal State Railway the fund opened with a credit balance of Rs. 758, and the receipts during the year amounted to Rs. 2,418, including the interest of Rs. 37 accrued on the amount deposited in the Provident Institution during 1882-83, making a total of Rs. 3,176. From this amount Rs. 5 were subsequently remitted and Rs. 2,040 were expended for the benefit of the railway servants, thus—Rs. 1,190 in aid of the different schools on the line, Rs. 250 for purchase of books, &c., for the European Institute, Rs. 100 for the same purpose for the Native Improvement Society, and Rs. 500 for warm clothing for well-behaved traffic menials, showing a balance of Rs. 1,131 at the credit of the fund at the end of the year.

3. On the Tirhoot State Railway the balance at credit of the fund at the commencement of the year was Rs. 1,971, to which were added Rs. 519, being the amount of fines realized during the year under review, as well as Rs. 76 on account of interest on the assets of the fund deposited in the Provident Institution during the previous year, bringing up the total assets to Rs. 2,566. The amount spent for the benefit of the employes was Rs. 653 and of fine remitted was Rs. 8, leaving a balance of Rs. 1,905 at the credit of the fund at the close of the year. At the beginning of the year the balance, Rs. 512, of the Patna-Gya Railway Fund was taken over by the Tirhoot State Railway.

4. The fund on the Calcutta and South-Eastern State Railway opened with a balance of Rs. 404, which was increased by Rs. 162 by fines inflicted, and Rs. 15 by interest from the Provident Institution, making a total of Rs. 581. The disbursements were Rs. 136 for subscription to newspapers, leaving a balance of Rs. 445 at the credit of the fund at the end of the year under review.

5. On the Nalhati State Railway the fine account opened with a balance of Rs. 399, which was supplemented during the year by Rs. 29 on account of fines imposed and by Rs. 14, being the amount of interest from the Provident Institution, bringing up the total to Rs. 442. The disbursements were Rs. 83, which was the amount of subscription for newspapers, leaving a balance of Rs. 359 at the credit of the fund on 31st March 1884.

RESOLUTION.—In order to bring the operation of the fine fund of the Bengal State Railways more fully under review, the following analysis of

the receipts and expenditure of the fund, from the commencement to 31st March 1884, has been prepared:—

Analysis of the transactions in the Fine Fund of Bengal Railways up to March 31st, 1884.

RAILWAY.	Year.	REALIZATIONS.					DISBURSEMENTS.										Balance at end of year.
		Brought forward.	Fines.	Interest.	Total annual receipts.	Total for each line to date.	Refunds.	Native improvement and papers.	European institutes.	Recreation, treats, &c.	Hospital donations.	English schools.	Rewards.	Total annual expenditure.	Total for each line to date.		
		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Northern Bengal (S.) Ry. Fines, Rs. 8 per mile per annum.	1880	3,700	2,244	...	5,944	.....	12	150	.....	.....	.....	.....	.....	162	.....	5,782
	1881	.....	1,992	.....	1,992	.....	24	1,250	.....	500	999	.....	259	583	3,625	4,149
	1882	.....	1,312	194	1,407	.....	8	120	485	1,019	1,750	.....	670	400	4,452	1,102
	1883	.....	1,750	108	1,858	.....	8	172	17	551	.....	1,105	350	2,293	758	.....
	1884	.....	2,381	37	2,418	.....	5	250	250	.....	.....	1,040	500	2,045	.....	1,131
Totals	.....	.....	.....	.....	13,619	.....	.....	.....	.....	.....	.....	.....	.....	.....	12,487	.....
Tirhoot (S.) Railway Fines, Rs. 5 per mile per annum.	1880	1,021	437	.....	1,458	.....	13	.....	.....	.....	.....	.....	.....	13	.....	1,445
	1881	.....	485	60	545	.....	2	.....	400	350	.....	.....	.....	752	.....	1,239
	1882	.....	348	25	373	.....	8	.....	531	.....	500	.....	.....	1,039	.....	574
	1883	.....	944	54	998	.....	22	.....	90	.....	.....	.....	.....	113	.....	1,400
	1884	.....	519	76	595	.....	8	.....	.....	300	.....	353	.....	661	.....	1,304
Totals	.....	.....	.....	.....	3,969	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,577	.....
Patna-Gya (S.) Railway Fines, Rs. 4-5 per mile per annum.	1880	.....	214	.....	214	.....	3	.....	.....	.....	.....	.....	.....	3	.....	211
	1881	.....	332	11	343	.....	3	.....	.....	.....	.....	.....	.....	3	.....	551
	1882	.....	200	15	215	.....	4	.....	.....	.....	250	.....	.....	254	.....	512
Totals	.....	.....	.....	.....	772	.....	.....	.....	.....	.....	.....	.....	.....	.....	260	.....
Calcutta and S.-E. (S.) Ry. Fines, Rs. 2-11 per mile per annum.	1880	400	38	.....	438	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	438
	1881	.....	118	.....	118	.....	1	.....	.....	.....	.....	.....	.....	1	.....	555
	1882	.....	65	.....	65	.....	.....	69	.....	.....	250	.....	.....	319	.....	301
	1883	.....	74	29	103	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	404
	1884	.....	162	15	177	.....	.....	136	.....	.....	.....	.....	.....	136	.....	445
Totals	.....	.....	.....	.....	901	.....	.....	.....	.....	.....	.....	.....	.....	.....	450	.....
Nalhati (S.) Railway Fines, Rs. 2-11 per mile per annum.	1880	340	142	.....	482	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	482
	1881	.....	72	4	76	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	558
	1882	.....	33	16	49	.....	.....	42	.....	.....	250	.....	.....	292	.....	315
	1883	.....	77	13	90	.....	.....	6	.....	.....	.....	.....	.....	6	.....	399
	1884	.....	29	14	43	.....	.....	83	.....	.....	.....	.....	.....	83	.....	359
Totals	.....	.....	.....	.....	740	.....	.....	.....	.....	.....	.....	.....	.....	.....	381	.....
GRAND TOTALS	.....	5,461	13,869	671	20,001	20,001	121	2,278	2,273	3,219	3,000	3,427	1,843	16,161	16,161	.....

The amount of fines refunded form about 0.09 per cent. of fines inflicted.
The fines of the Northern Bengal Railway, although by far the heaviest, both in amount and in proportion to the mileage of line worked, have yet been distributed in the most varied and judicious manner for the general benefit of the railway employes.
A little more variety in the distribution of the fund in the case of the Calcutta and South-Eastern and the Nalhati State Railways would be desirable.
The totals at foot will show that the fund has been distributed with great average fairness between the various objects.
The balances on the 31st of March each year, from 1880 to 1884, have been Rs. 5,358, Rs. 7,052, Rs. 2,804, Rs. 3,533, and Rs. 3,541.

All the expenditure is shewn classified under appropriate headings, and the balance in hand at the end of each year can be seen. The various objects, which have appeared to the several Managers to have had claims upon the fund, have been given grants of various amounts, and at different periods, with commendable impartiality. It is to be regretted that the total receipts from fines have not diminished to any appreciable extent, as the amount levied on the employes of a railway as fines may to a certain extent be taken as an index of inefficiency. But admitting the expediency and necessity of this mode of punishment, it is gratifying to observe the purposes to which the amount levied has been applied.

The class of objects to which the Lieutenant-Governor would particularly wish to direct the attention of Managers are—schools likely to be resorted to by the children of employes, whether native or European, the Darjeeling Sanitarium, and the Campbell Hospital, Calcutta, the provision in the libraries of institutes, where they exist, of such books of reference on technical subjects as, though useful to the class of men likely to refer to them, would be otherwise difficult of access, and such other kindred objects as in the discretion of the Managers may appear to be deserving of support and assistance.

ORDER.—Ordered that a copy of this Resolution be forwarded to the Secretary to the Government of India, Public Works Department, and to the Managers of Bengal Provincial Railways for information.

Ordered also that a copy of this Resolution be published in the *Calcutta Gazette*.

By order of the Lieutenant-Governor of Bengal,

S. T. TREVOR, Col., R.E.,

Secretary to the Government of Bengal,
P. W. Dept.

Rainfall, Weather, and State and Prospects of the Crops.

Statement showing Rainfall, Weather, and State and Prospects of the Crops in the different Districts of Bengal, as reported to Government during the week ending the 5th July 1884.

No.	District, and date of return.	Rainfall at Sudder Station in inches.	Character of the weather, state and prospects of the crops, and state of health at date
BENGAL.			
<i>Western Districts.</i>			
BURDWAN DIV.	1 Burdwan, July 5 '84	0.14	Weather—dry for the season. Rain very much wanted everywhere. The want of it has affected the crops, but they will be restored if rain fall shortly. Price of common rice selling at 16 seers per rupee. Public health good.
	Culna	0.34	
	Cutwa	0.55	
	Raneegunge	1.85	
	2 Bankoora, " 5 "	1.86	Weather—close and cloudy, with occasional rain. More rain wanted. Cotton still being reaped. Standing crops doing well. <i>Aus</i> and paddy transplanted. Public health good.
	Bishenpore	2.31	
	Maliara	2.16	
PRESIDENCY DIV.	3 Beerbhoom, " 5 "	0.54	Weather—hot and cloudy, with slight showers of rain. Cultivation of <i>aus</i> and <i>amun</i> crops continues. Rain wanted. Prices stationary. General health satisfactory.
	Rampore Hant	0.89	
	4 Midnapore, " 5 "	5.41	Weather—sultry. Sowing of paddy progressing at Contai and seedlings doing well in other parts of the district, but more rain wanted. Public health good except in those parts of the Contai sub-division where cholera still prevails.
	5 Hooghly, " 5 "	2.36	Weather—cloudy and sunny throughout the week. Standing crops doing well. Transplanting of paddy commenced, but more rain urgently required. Public health generally good.
	Howrah, " 7 "	1.11	Weather—a break in the rains with usual steamy heat. Young <i>aus</i> seedlings coming up well. Late rice being transplanted. Jute and sugarcane thriving. Prices increasing slightly. Public health good.
	Oolooberiah	0.62	
	<i>Central Districts.</i>		
PRESIDENCY DIV.	6 24-Pergunnahs, July 7 '84	1.52	Weather—hot and cloudy. Prospects of standing crops good. Transplanting of <i>amun</i> paddy going on on low lands. Public health good. Cattle-disease still prevails in the Diamond Harbour and Bussirhat sub-divisions.
	7 Nuddea, " 5 "	0.86	Weather—cloudy, rainy, and sultry. Standing crops promising. Fever continues. Cholera abated.
	Kooshtea	2.24	
	Choondanga	Nil	
	Meherpore	0.74	
	Ranaghat	2.43	
	8 Khoolna, " 5 "	3.27	Weather—cloudy, and rainy. Prospects of crops good, but too much rain has fallen. Public health fair.
	9 Jessore, " 5 "	1.72	Weather—cloudy, with occasional slight showers of rain. Paddy plants are thriving except those on low lands where the excessive moisture threatens damage. Prospects of indigo fair. Cultivation favourable. Public health generally good.
	Jhenida	1.41	
	Magoorah	1.18	
RAJSHAHY DIV.	Narail	0.05	
	Bongong	2.74	
	10 Moorshedabad, " 5 "	0.22	Weather—hot and sultry. Transplanting paddy at a stand-still, and <i>aus</i> crop not coming on well. Other crops doing well. Heavy and general rain would be very beneficial.
	Jungipore	0.56	
	Lalbagh	1.45	
	Kandi	1.15	
	11 Dinagepore, July 4 '84	1.08	Weather—warm, with occasional rain. Standing crops doing well. Land being prepared for <i>amun</i> crops. Rice selling at from 13 to 17 seers per rupee.
	12 Rajshahye, " 5 "	1.08	Weather—cloudy. Prospects of standing crops generally good. <i>Boro</i> rice selling at Singra at 18 seers and at Boraigaon at 22 seers per rupee. Cutting of <i>til</i> going on. Health fair.
	Natore	1.80	
	Nowgong	0.39	
DACCA DIV.	13 Rungpore, " 5 "	0.53	Weather—very hot; rain wanted. Land being prepared for sowing of <i>amun</i> paddy. <i>Aus</i> being cut in some places. Prospects of other crops continue good. Public health fair.
	Kurigram	3.11	
	Gaibanda	0.25	
	Nilphamari	1.83	
	14 Bogra, " 5 "	1.03	Weather—tolerably cool, though little rain fell. State and prospects of crops continue to be good. Public health fair.
	15 Pubna, " 5 "	3.04	Weather—very close. A good deal of rain fell during the week, but more rain required. Standing crops doing well everywhere. Public health satisfactory.
	16 Darjeeling, " 5 "	9.50	Weather—heavy rain fell. Prospects of crops favourable. Public health good.
	17 Julpigoree, " 5 "	2.43	Weather—hot and close, with occasional heavy showers of rain favourable for growth of standing crops, but more steady rain wanted for transplanting <i>haimanti</i> seedlings. Prospects of jute improved. Public health good.
	<i>Eastern Districts.</i>		
	18 Dacca, July 5 '84	2.2	Weather—hot and rainy. Harvesting of <i>aus</i> paddy continues and that of <i>til</i> completed. Cutting of jute commenced. <i>Sali</i> paddy being sown. Prospects of crops good. Public health good.
DACCA DIV.	Moonsheegunge	0.92	
	Naraingunge	1.31	
	19 Furreedpore, " 5 "	1.95	Weather—seasonable. State and prospects of standing crops very good. Public health good.
	Goalundo	3.12	
	Madaripore	0.86	
	20 Backergunge, " 3 "	2.87	Weather—seasonable. Cultivation of <i>amun</i> crop progressing. Prospects of <i>aus</i> crop good. General health good.
	21 Mymensingh, " 4 "	1.1	Weather—seasonable, with frequent showers of rain. <i>Aus</i> paddy growing well. <i>Amun</i> being transplanted. Prospects of standing crops good.
DACCA DIV.	Jamaipore	1.55	
	Kishoregunge	0.65	
	Attea	Nil	
	Netrokona	1.13	

No.	District, and date of return.	Rainfall at Sudder Station in inches.	Character of the weather, state and prospects of the crops, and state of health at date.
BENGAL.—concl'd.			
Eastern Districts—concl'd.			
CHITTAGONG DIVN.	22 Chittagong, July 1 '84	5.37	Weather—seasonable. Prospects of crops favourable. Prices stationary. Cholera continues. Cow-pox reported.
	23 Noakholly, „ 3 „	1.54	Weather—variable; frequently cloudy with slight showers of rain. In some places <i>amun</i> paddy is coming into ear, and in the Ramgunge station it is being reaped. State and prospects of the paddy fair. Preparation for transplanting <i>amun</i> paddy continues. Public health good.
	24 Tipperah, „ 4 „	.53	Weather—fair and sultry, with slight showers of rain. Prospects of crops good. Early paddy being cut in some places. Public health good.
	Brahmunberiah „ „	1.12	
	Chandpore „ „	1.25	
	25 Chittagong Hill „ 1 „	1.39	Weather—hot and cloudy, with occasional showers of rain. Prospects of paddy and cotton in <i>jums</i> good. Paddy being sown in seed-beds and lands being ploughed for transplanting.
	Hill Tipperah „ 2 „	.69	Weather—close and unsettled. Prospects of paddy fair. Jute and sugarcane doing well. <i>Jum</i> sowings nearly over. Public health good.
BEHAR.			
PATNA DIVN.	26 Patna, July 5 '84	1.40	Weather—hot and cloudy. State and prospects of crops good. <i>Bhadoi</i> sowing going on everywhere. More rain wanted for transplanting paddy. Public health generally good.
	Dinapore „ „	4.35	
	Behar „ „	.58	
	27 Gya, „ 5 „	2.02	Weather—showery, rather sultry; mornings and evenings cool. Sowing of <i>bhadoi</i> and <i>makai</i> progressing. Slight showers of rain fell everywhere, but the fall was not enough. In Aurungabad the fall (7.65 inches,) was excessive.
	28 Shahabad, „ 5 „	1.54	Weather—cloudy. Fields being prepared for early paddy. Sugarcane doing well. Prospects of standing crops good.
	Buxar „ „	1.77	
	Sasseram „ „	2.05	
	Bhabua „ „	.75	
	29 Durbhunga, „ 5 „	.94	Weather—generally cloudy. <i>Bhadoi</i> sowings completed. <i>Murwa</i> is being transplanted. More rain required for transplanting paddy. Manufacture of indigo commenced. Prices stationary. Public health good.
	Madhubani „ „	1.42	
	Tajpur „ „	1.45	
BHAGULPORE DIVN.	30 Mozufferpore, „ 5 „	1.25	Weather—rainy and cloudy; very favourable for the young crops. Sowing and transplanting of paddy progressing vigorously.
	Hajipore „ „	3.87	
	Sitamarhi „ „	0.53	
	31 Saran, „ 5 „	.78	Weather—cloudy and sunny alternately, oppressive in the intervals. General prospects of crops good. Prices falling. Public health good.
	Sewan „ „	.17	
	Gopalgunge „ „	1.16	
	32 Champaran, „ 5 „	4.09	Weather—hot and cloudy. Prospects of <i>bhadoi</i> crops favourable. Transplanting of paddy in some places commenced, but more rain wanted. Public health good.
	33 Monrhyr, July 5 '84	1.44	Weather—showery and occasionally hot. Prospects of crops continue remarkably good. <i>Bhadoi</i> crop very promising. Public health good. Prices steady.
	Begusarai „ „	1.90	
	34 Bhagulpore, „ 5 „	1.57	Weather—a break in the rains, but some rain fell towards the end of the week. Standing crops doing well. Paddy being transplanted. Prospects of crops good. Cholera and small-pox nearly disappeared. Public health good.
BHAGULPORE DIVN.	Banka „ „	.65	
	Scopole „ „	.30	
	Muddehpore „ „	1.71	
	35 Purneah, „ 5 „	4.01	Weather—heavy showers of rain with thunder at the close of the week. Prospects of crops very good. <i>Aghani</i> crops being transplanted.
	36 Maldah, „ 5 „	1.70	Weather—hot and cloudy. Prospects of crops favourable everywhere except the Barendra tract of the district, where no rain fell during the week. Rain is much wanted in that quarter for sowing of late rice crops. Prices of food-grains stationary. Public health generally good.
	37 Sonthal Perghs. „ 5 „	2.31	Weather—the recent rain was general. Standing crops everywhere doing well; condition and prospects good. A little more rain would be beneficial during the transplanting period. Cholera abating.
	Droghur „ „	.55	
	Godda „ „	1.25	
	Rajmehal „ „	2.39	
	Jamtara „ „	2.57	
	Pakour „ „	.69	
ORISSA.			
ORISSA DIVN.	38 Cuttack, July 4 '84	5.25	Weather—seasonable and cloudy. Sowing still going on in some places. Rivers rose on the 1st and 2nd instant, but are since subsiding. Scattered cases of cholera reported throughout the district. Common rice selling at from 15 to 18 seers per rupee in the town.
	39 Pooree, „ 5 „	5.35	Weather—rainy. Puddling has commenced. <i>Beali</i> doing well. Rivers risen. Common rice selling at an average of 22 seers 11 chittacks for the rupee. Cholera reported.
	40 Balasore, „ 4 „	6.05	Weather—hot and cloudy, with a few showers of rain. Prospects of crops good. Weeding going on. Cholera abating, but it still prevails in parts of the Soroh and Baudepore thanas.

No.	District, and date of return.	Rainfall at Sudder Station in inches.	Character of the weather, state and prospects of the crops, and state of health at date.
CHOTA NAGPORE.			
<i>South-West Frontier Agency.</i>			
41	Hazaribagh. July 4 '84	1.50	Weather—seasonable. Ploughing and sowing of paddy in progress. Indian-corn and other <i>bhadoi</i> crops being rapidly sown. Prices of food-grains continue high. Small-pox, cholera, and cattle-disease still continue in some places, otherwise general health good.
42	Lohardugga, „ 5 „	3.47	Weather—seasonable. A fair shower of rain fell during the week and ploughing continues in low lands. A few cases of small-pox reported. Prices falling slightly.
	Palamow „ „	2.04	
43	Singbhoom, „ 4 „	2.61	Weather—seasonable; rain general. Rain crops doing well. Sowing and transplanting of paddy in progress. General health good.
44	Manbhoom, „ 5 „	2.79	Weather—sufficient rain fell in most parts during the week. Rice on high lands, <i>biri</i> , Indian-corn, and other autumn crops promise well. Amus paddy seedlings coming on. Coarse rice sold on the 15th instant in the Purulia market at 18 seers per rupee. Cholera reported from places in the Sudder division, and both cholera and small-pox from other places.
	Govindpore (up to 2nd instant.)	1.48	
	Barabazar (up to 3rd instant.)	1.98	

Published for general information.

CALCUTTA, STATISTICAL DEPT.,

The 8th July 1884.

COLMAN MACAULAY,

Secy. to the Govt. of Bengal.

STATEMENT SHOWING THE STOCKS OF RICE IN AND AROUND CALCUTTA.

STOCK IN HAND AS COMPILED ON—													
NAMES OF MARKS.	1st week of July 1883.	1st week of August 1883.	1st week of Sept. 1883.	1st week of Oct. 1883.	1st week of Nov. 1883.	1st week of Dec. 1883.	1st week of Jan. 1884.	1st week of Feb. 1884.	1st week of March 1884.	1st week of April 1884.	1st week of May 1884.	1st week of June 1884.	1st week of July 1884.
	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.
Balla ghat	5,67,500	6,11,000	4,65,500	4,68,000	3,51,000	2,48,000	2,11,000	4,71,500	10,12,000	9,23,040	8,03,000	8,08,000	8,08,000
Dolla danga	1,22,200	95,925	1,05,000	78,300	76,100	40,900	47,500	60,200	85,900	79,290	65,300	65,400	65,400
Chitpore, Golabares, Comper- colly, Hakkoila, and Oulys Ghat	9,53,400	7,68,700	8,80,200	8,97,700	7,45,300	7,74,600	6,92,200	6,97,700	8,66,750	7,76,800	7,25,300	7,55,100	8,32,100
Pathuriahatta, Posta, and Jorabagan.	15,400	10,500	11,700	12,200	8,000	8,700	10,000	13,000	10,400	6,400	5,700	6,500	7,000
Tollygunge, Chittah, Kidderpore, and Moonsilganee.	1,12,200	2,02,650	1,14,500	1,29,920	91,200	98,200	89,700	1,20,400	1,50,900	1,47,150	1,31,000	1,29,250	1,20,200
21 Minor Bazzars (estimated) ...	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000
Other retail shops, 3,120 in number (estimated).	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000
Beldyabatty, Nowabgunge, Bhuddreswar, and Chander- nagore.	12,500	12,500	16,857	20,203	18,619	9,475	8,700	10,112	7,712	31,087	13,350	10,105	19,883
Total	22,79,455	21,09,944	20,92,757	20,95,773	18,10,219	16,78,875	15,50,000	18,68,912	26,50,992	25,53,337	23,71,500	23,08,855	23,45,533
On Railway premises on both sides of the river.	2,320 (on 3rd July 83.)	4,508 (on 4th August 83.)	2,648 (on 3rd Sept. 83.)	4,014 (on 3rd Oct. 1883.)	272 (on 3rd Nov. 83.)	268 (on 3rd Dec. 83.)	1,040 (on 5th Jan. 84.)	2,340 (on 4th Feb. 84.)	5,118 (on 3rd March 84.)	1,560 (on 3rd April 84.)	1,804 (on 3rd May 84.)	520 (on 4th June 84.)	590 (on 3rd July 84.)
By Port Com- missioners' re- turns.	40,764 (1st to 3rd July 83.)	17,089 (2nd to 4th August 83.)	26,558 (1st to 3rd Sept. 83.)	30,584 (2nd to 4th Oct. 1883.)	15,709 (1st to 3rd Nov. 1883.)	24,197 (1st to 3rd Dec. 83.)	49,161 (2nd to 4th Jan. 84.)	55,503 (2nd to 4th Feb. 84.)	35,411 (2nd to 4th March 84.)	25,528 (1st to 3rd April 84.)	8,251 (1st to 3rd May 84.)	8,718 (1st to 3rd June 84.)	13,256 (1st to 3rd July 84.)
By Capital returns	40,297 (1st to 3rd July 83.)	31,065 (2nd to 4th August 83.)	45,050 (1st to 3rd Sept. 83.)	50,211 (2nd to 4th Oct. 1883.)	27,809 (1st to 3rd Nov. 1883.)	29,090 (1st to 3rd Dec. 1883.)	84,186 (2nd to 4th Jan. 84.)	1,70,000 (2nd to 4th Feb. 84.)	1,00,883 (2nd to 4th March 84.)	40,754 (1st to 3rd April 84.)	23,674 (1st to 3rd May 84.)	13,048 (1st to 3rd June 84.)	24,058 (1st to 3rd July 84.)
Grand Total of Stocks	23,72,037	21,65,596	21,07,073	21,81,522	18,54,006	17,32,450	16,54,387	20,97,055	27,90,347	26,21,179	24,05,349	23,31,141	23,82,076
Probable stock available for exportation by sea.	13½ lakhs.	11 lakhs.	11 lakhs.	11½ lakhs.	8 lakhs.	6½ lakhs.	6½ lakhs.	10½ lakhs.	17½ lakhs.	15½ lakhs.	13½ lakhs.	12½ lakhs.	13½ lakhs.

STATISTICAL DEPARTMENT,
The 5th July 1884.

COLMAN MACAULAY,
Secy. to the Govt. of Bengal.

PRICES-CURRENT of Food-grains, Firewood and Salt in the

Number.		DISTRICTS.	RETAIL SALE:—QUANTITIES PER RUPEE BY																								
			WHEAT.			BARLEY.			RICE, BEST SORT.			RICE, COMMON.			BULBUL MILLET (CUMBOO, BAJRA.)			GREY MILLET— HOLM JOWAR.									
			Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.							
BENGAL																											
Western Districts.																											
1	Burdwan	A	15 12	14 8	16 0	26 4	27 8	20 0	13 4	13 4	18 12	17 0	17 0	23 13	...	...	...	...	...	...	...	...	...	...	...	...	...
2	Bankoora	B	16 8	16 8	13 12	18 0	19 0	14 0	15 0	15 0	18 8	17 8	17 8	24 0	...	...	...	...	...	...	...	...	...	...	...	...	...
3	Peerbhoom	C	16 8	16 8	15 0	...	...	...	13 14	13 12	18 0	16 0	16 0	22 8	...	...	...	...	...	...	...	...	...	...	...	...	...
4	Midnapore	D	12 0	12 0	14 0	20 0	20 0	16 0	15 0	14 0	18 0	18 0	18 0	24 0	...	...	...	...	...	...	...	...	...	...	...	...	...
5	Hooghly		15 0	18 0	13 8	...	...	...	8 0	8 0	10 0	14 0	14 0	18 8	...	...	...	...	...	...	...	...	...	...	...	...	...
	Howrah		14 8	14 8	13 4	...	...	...	11 8	11 8	13 4	13 8	14 0	19 8	...	...	...	...	...	...	...	...	...	...	...	...	...
Central Districts.																											
	Calcutta		16 0	16 0	14 0	20 0	20 0	20 0	8 0	8 0	10 5	13 0	13 0	16 0	15 0	15 0	20 0	17 0	17 0	...	...	...	...	...	...	...	...
6	24-Pergunnahs*		...	...	13 5	...	...	16 0	...	...	8 0	...	...	12 0	...	...	...	...	...	...	...	...	...	...	...	...	...
7	Nuddea	E	17 4	16 12	14 8	20 0	20 0	...	12 5	12 5	15 4	13 5½	13 5½	16 1½	...	...	...	...	...	...	...	...	...	...	...	...	...
8	Khoolna	F	...	...	...	...	...	...	12 8	12 0	17 0	17 0	16 0	25 0	...	...	...	...	...	...	...	...	...	...	...	...	...
9	Jessore	G	15 0	16 0	14 8	...	...	...	13 0	13 0	16 0	15 0	16 0	22 12	...	...	...	...	...	...	...	...	...	...	...	...	...
10	Moorshedabad	H	18 0	19 0	15 0	...	...	...	12 8	12 8	15 0	15 8	15 0	19 0	...	...	...	...	...	...	...	...	...	...	...	...	...
11	Dinapore		14 8	13 4	13 8	13 0	13 0	...	14 8	14 4	18 0	15 8	16 0	19 8	...	...	...	...	...	...	...	...	...	...	...	...	...
12	Rajahmhye	I	18 4	20 9	16 8	30 0	32 0	30 0	12 0	12 0	13 8 to 16 0	13 2	13 2	17 4 to 18 0	...	...	...	...	...	...	...	...	...	...	...	...	...
13	Rungpore	J	20 0	20 1	11 7	...	...	...	10 0	10 0	13 5	13 12	13 12	17 3	...	...	...	...	...	...	...	...	...	...	...	...	...
14	Bogra		12 12	15 0	15 0	...	...	...	10 8	9 12	12 0	15 0	15 0	24 0	...	...	...	...	...	...	...	...	...	...	...	...	...
15	Pubna	K	24 0	24 0	19 8	...	...	...	8 4	8 4	8 0	15 0	15 0	19 8	...	...	...	...	...	...	...	...	...	...	...	...	...
16	Darjeeling	L	...	...	8 0	10 0	...	8 0	5 0	5 0	4 0	11 0	11 0	8 0	...	...	...	...	...	...	...	...	...	...	...	...	...
17	Julpigore	M	10 0	10 0	9 0	20 0	20 0	20 0	11 0	10 0	11 8	13 0	13 0	16 0	...	...	...	...	...	...	...	...	...	...	...	...	...
Eastern Districts.																											
18	Dacca	N	16 0	16 0	12 4	21 0	21 0	18 12	12 8	12 8	15 8	15 0	15 0	19 4	...	...	...	...	...	...	...	...	...	...	...	...	...
19	Furreedpore	O	20 0	20 0	20 0	34 0	34 0	30 0	13 8	13 0	16 0	15 0	15 0	18 0	...	...	...	...	...	...	...	...	...	...	...	...	...
20	Backergunge	P	...	...	...	...	...	...	15 0	13 0	19 0	18 0	15 0	21 0	...	...	...	...	...	...	...	...	...	...	...	...	...
21	Mymensingh	Q	12 8	13 8	11 8	...	...	...	12 0	11 0	16 0	16 0	16 0	17 8	...	...	...	...	...	...	...	...	...	...	...	...	...

* Not received.

A In the sub-divisions the retail prices of salt per rupee were:—Culna 14 seers, Cutwa 13 seers, and Rancegunge 13½ seers.

B In the interior the retail price of salt ranged from 11 to 16 seers per rupee.

C In the interior the retail price of salt per rupee ranged from 11 to 13½ seers.

D In the sub-division of Ghatial the retail price of salt was 14 seers per rupee.

E In the sub-divisions the retail prices of salt per rupee were:—Koochta 13 seers, Meherpore 11½ seers, Chooadanga 14 seers, and Ranaghat 12½ seers.

F In the sub-divisions the retail price of salt per rupee was:—At Sathira and Bagirhat 11 seers.

G In the sub-divisions the retail prices of salt per rupee were:—Jhenidah and Magurah 12 seers, Nani 14 seers, and Bongong 13 seers.

H In the sub-divisions the retail prices of salt per rupee were:—Lalbagh and Jungypore 11 seers, and Kandi 12 seers.

Districts of Bengal for the Fortnight ending the 30th June 1884.

SALT.			WHOLESALE PRICES PER MAUND OF 40 SEERS.			AVERAGE WAGES PER MONTH.									DISTRICTS.
			SALT.			ABLE-BODIED AGRICULTURAL LABOURER.			STEER OR HORSE-KEEPER.			COMMON MASON CARPENTER, OR BLACKSMITH.			
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	
S. Ch.	S. Ch.	S. Ch.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A.	Rs. A.	Rs. A.	Rs. A.	Rs. A.	Rs. A.	Rs. A.	Rs. A.	Rs. A.	
13 4	13 0	12 4	3 0 0	2 15 4	3 1 0	9 6	9 6	7 8	6 8	6 8	6 8	10 0	10 0	10 0	Burdwan.
13 0	12 12	12 0	3 1 3	3 2 0	3 3 6	6 0	6 0	6 0	4 8	4 0	4 8	15 0	15 0	14 0	Bankoora.
12 0	12 0	10 0	3 2 6	3 2 6	3 12 6	4 0	4 0	4 0	6 8	7 8	6 8	12 0	15 0	12 0	Beerbhoom.
12 12	12 12	13 0	2 14 0	2 14 0	2 14 0	5 10	6 0	6-1-6	6 0	5 8	6 0	7 8	7 8	7 8	Midnapore.
13 9	13 9	13 9	2 14 0	2 14 0	2 14 0	...	8 0	6 0	...	7 0	...	11 4	10 0	10 0	Hooghly.
13 0	13 0	13 0	3 0 0	3 0 0	3 0 0	7 8	7 8	7 8	6 8	6 8	6 8	14 0	14 0	14 0	Howrah.
Central Districts.															
13 0	13 0	14 0	2 12 0	2 12 0	2 12 0	12 0	15 0	15 0	7 0	7 0	7 0	12 0	12 0	12 0	Calcutta.
...	...	13 5	...	...	2 14 0	6 0	10 0	10 0	6 0	6 0	...	15 0	20 0	...	24-Pergunnahs.
11 10 1/2	11 10 1/2	10 10 1/2	3 0 0	...	3 0 0	...	6 0	6 0	...	6 0	6 0	...	15 0	7 8	Nuddea.
12 0	11 0	10 8	3 2 0	3 4 0	3 4 0	9 0	9 0	9 0	6 0	6 0	6 0	10 0	10 0	10 0	Khoolna.
10 12	10 12	10 12	3 2 0	3 2 0	3 4 0	7 8	7 8	7 8	6 0	6 0	6 0	15 0	15 0	13 0	Jessore.
11 9	11 9	10 0	3 3 0	3 3 0	...	5 0	5 0	5 0	5 0	5 0	5 0	7 8	7 8	7 8	Mowshedabad.
12 0	11 8	11 8	3 6 0	3 6 0	3 7 0	7 8	6 0	6 0	7 0	6 0	5 0	15 0	15 0	8 0	Dinapore.
12 6	12 6	11 4	3 3 6	3 3 6	...	4 0	4 0	5 0	5 0	5 0	5 0	10 0	10 0	7 0	Rajshahye.
11 14	11 14	11 14	3 5 0	3 5 0	3 5 0	...	...	7 8	...	...	...	...	...	...	Burgpore.
12 0	10 8	10 8	3 4 0	3 5 4	3 8 0	5 0	5 0	5 0	6 0	5 0	6 0	10 0	10 0	10 0	Bogra.
12 6	12 6	12 0	3 2 6	3 2 0	3 4 0	...	...	7 0	...	7 8	...	15 0	15 0	15 0	Pubna.
8	8 0	8 0	4 4 0	4 6 0	4 8 0	7 0	7 0	7 8	7 0	7 0	...	25 0	25 0	...	Darjeeling.
12 4	12 4	11 0	3 4 0	3 4 0	3 6 0	7 0	7 8	7 0	7 0	8 0	7 0	15 0	20 0	1 50	Julpigoree.
Eastern Districts.															
12 8	12 8	12 0	3 2 0	3 2 0	3 4 0	6 0	5 0	5 0	5 0	4 0	5 0	8 0	8 0	8 0	Dacca.
12 0	12 0	11 8	3 2 0	3 2 0	3 7 0	7 8	8 8	8 8	7 0	7 8	7 0	15 0	15 0	15 0	Furzedpore.
13 0	...	13 0	2 11 0	2 11 0	2 11 0	7 8	7 8	7 8	6 0	6 0	6 0	15 0	15 0	8 0	Backergunge.
12 12	12 12	12 0	3 2 0	3 2 0	3 4 0	8 0	8 0	8 0	6 0	6 0	6 0	15 0	15 0	12 0	Mymensingh.

* In the sub-divisions the retail price of salt per rupee was Nattore and Nowgong 12 seers.

J In the sub-divisions the retail prices of salt per rupee were:—Gaibanda 14 seers, Kurigram 13 seers, and Nilphamari 12 seers.

K The retail price of salt at Serajgunge was 13 seers per rupee.

L In the sub-divisions the retail prices of salt per rupee were:—Kurseong 8 seers, Siliguri 10 seers.

M The retail price of salt at Falaceta in Aitpore sub-division was 10 seers per rupee.

N In the sub-divisions the retail prices of salt per rupee were:—Manickgunge 12 seers, Narasinggunge 13 seers, and Moonshegunge 10 seers 10½ chittacks.

O In the sub-divisions the retail prices of salt per rupee were:—Gaiundo 13 seers, and Madaripore and Bhanga 12 seers.

P In the sub-divisions the retail prices of salt per rupee were:—Patakhali 10½ seers, Perozepore 11 seers and Bhola 10 seers.

Q In the sub-divisions the retail prices of salt per rupee were:—Kishoregunge 10½ seers, Attea and Jamalpore 12 seers, and Netrokona 12½ seers.

PRICES-CURRENT of Food-grains, Firewood and Salt in the

Number.	DISTRICTS.	RETAIL SALE :—QUANTITIES PER RUPEE BY THE																	
		WHEAT.			BARLEY.			RICE, BEST SORT.			RICE, COMMON.			BULRUSH MILLET— CUMBOO, BASRA.			GRASS MILLET— CHOLU JOWAR.		
		Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.

Eastern Districts.—Concluded.

		S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.
22	Chittagong	...	13 4	13 4	12 0	...	...	...	...	13 0	13 0	13 0	16 0	16 8	20 0	...	...	...	...	...	...	...	...
23	Noakholly	...	T	...	...	...	...	...	...	16 0	16 0	20 0	18 0	18 0	22 0	...	...	...	...	...	...	...	...
24	Tipperah	...	U	16 0	16 0	11 6	...	...	...	13 0	14 4	16 8	15 8	17 4	19 4	...	...	...	...	...	...	...	...
25	Chittagong Hill Tracts.	...	...	...	...	...	...	...	...	12 5	12 4	12 4	13 5	13 5	13 5	...	...	...	...	...	...	...	...
	Hill Tipperah	...	12 0	12 0	10 0	...	...	...	...	14 0	14 0	17 0	18 0	18 0	20 0	...	...	...	...	...	...	...	...

BEHAR.

26	Patna	...	20 0	21 0	17 8	21 0	24 0	32 0	11 0	12 0	14 0	14 0	13 0	19 0	...	...	...	...	...	...	...	...	...
27	Gya	...	V	15 0	16 0	20 8	20 0	21 0	26 0	9 8	9 8	12 0	12 0	12 0	15 0	...	...	...	...	...	...	...	...
28	Shahabad	...	W	18 0	18 0	17 0	22 0	22 0	95 0	9 0	9 0	11 0	13 0	14 0	15 0	22 0	22 0	32 0	...	...	...	...	...
29	Darbhanga	...	X	16 0	16 6	17 0	...	20 15	37 0	10 15	9 5	13 8	14 4	14 4	18 0	...	...	...	...	...	...	...	...
30	Mozufferpore	...	Y	17 0	17 0	17 0	20 0	20 0	23 0	10 0	10 0	13 0	15 0	15 0	16 0	...	...	...	...	...	...	...	...
31	Saran	...	Z	18 8	18 8	17 0	22 0	22 0	27 0	8 0	8 0	10 0	12 4	12 0	18 0	...	...	...	21 0	23 0	30 0	...	...
32	Chumpan	...	Z1	16 0	15 8	19 0	23 0	22 0	36 0	10 0	10 0	13 0	12 0	12 0	17 0	...	...	...	...	...	...	...	...
33	Monghyr	...	Z2	18 14	18 8	18 10	21 0	21 0	27 14	11 0	10 8	13 14	13 1	12 9	15 12	...	...	...	...	...	...	...	...
34	Bhagulpore	...	Z3	16 14	16 14	16 6	20 3	20 4	27 12	12 0	11 5	15 2	13 14	13 14	17 10	...	...	...	...	...	...	...	...
35	Purneah	...	Z4	18 0	18 0	16 0	...	...	...	13 0	13 0	16 0	14 0	14 0	23 0	...	...	...	...	...	...	...	...
36	Maldah	...	...	20 0	20 0	17 0	...	...	...	11 0	11 0	14 0	14 0	14 0	16 0	...	...	...	...	...	...	...	...
37	Southal Perga.	...	Z5	14 0	13 0	14 0	...	...	...	12 0	12 8	16 0	15 0	15 0	22 0	...	...	...	...	...	...	...	...

ORISSA

38	Cuttack	...	15 13	14 7	13 2	...	...	...	13 2	13 2	13 2	18 6*	18 6	22 5	...	...	...	...	...	...	...	...	...
39	Pooree	...	13 2	...	13 2	...	...	...	14 7	14 7	20 0	21 0	21 0	23 10	...	...	...	...	...	...	...	...	...
40	Balasore	...	Z6	16 0	16 0	14 0	11 0	11 0	...	13 0	13 0	16 0	20 0	21 0	23 0	...	...	...	...	...	...	...	...

CHOTA NAGPORE.

South-Western Frontier Agency.

41	Hazareebagh	...	Z7	14 0	14 0	16 0	...	16 0	1 0	10 0	9 0	10 0	12 8	13 8	16 0	...	...	...	...	...	...	...	...
42	Lohardugga	...	...	13 0	14 0	16 0	14 0	15 0	22 0	13 0	14 0	18 0	17 0	18 0	22 0	...	...	...	...	...	...	...	...
43	Singbhoom	...	...	18 0	18 0	18 0	22 0	22 0	32 0	20 0	20 0	36 0	24 0	24 0	40 0	...	...	...	...	...	...	...	...
44	Manbhoom	...	Z8	13 0	13 0	13 0	...	...	14 0	16 0	14 0	17 0	21 0	21 0	27 0	...	...	...	...	...	...	...	...

* The price of rice ranged in the interior from 23 seers 10 chittacks to 32 seers.

S In the sub-divisions the retail prices of salt per rupee were :—Cox's Bazar 9 seers, and Kameerah 9 seers.

T In the interior the retail prices of salt ranged from 9 to 12½ seers per rupee.

U In the sub-divisions the retail prices of salt per rupee were :—Chandpore 12½ seers, and Brahmanbariah 12½ seers.

V In the sub-division of Arungabad the retail price of salt was 11 seers per rupee.

W In the sub-divisions the retail prices of salt per rupee were :—Buxar 11½ seers, Sasaram 10½ seers, and Bhabhua 11 seers.

X In the sub-divisions the retail prices of salt per rupee were :—Tajpore 11½ seers, and Madhubani 11 seers.

Y In the interior the retail price of salt ranged from 10 to 12 seers per rupee.

Z In the sub-division the retail price of salt per rupee were :—Sewan 11½ seers and Gopalgunge 12 seers.

CALCUTTA,

The 8th July 1884.

SEER OF 80 TOLAHS.

LESSER MILLET— RAJOL OR MURWA AND CHRENA.			MAIZE OR INDIAN- CORN		
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.

S. Ch. S. Ch. S. Ch. S. Ch. S. Ch. S. Ch.

...
...
...
...
...

...	...	...	23 0	24 0	32 0
...
...
21 15	12 14	30 0	22 0	19 14	30 0
...	...	...	20 0	20 0	32 0
22 0	20 0	30 0	22 4	22 0	29 0
...	...	...	21 0	21 0	...
...	...	...	22 4	21 0	27 14
...	...	...	20 3	21 8	...
...
...
...	...	...	20 0	20 0	26 0

15 12	15 12	14 7	...	...	...
...
...

18 0	19 0	30 0	...	16 0	21 0
24 0	26 0	29 0	...	15 0	...
...
...

GRAM.			FIREWOOD.		
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.

s. Ch.	S. Ch.	S. Ch.	s. Ch.	S. Ch.	S. Ch.
15 0	14 0	12 0	120 0	120 0	...
12 0	12 0	12 0	...	...	...
16 0		12 12	...	...	...
...	...	...	320 0	320 0	320 0
14 0	14 0	12 0	...	...	...

24 0	21 0	29 8	100 0	100 0	130 0
19 8	20 0	23 8	180 0	180 0	180 0
23 0	23 0	{ 27 0 to 28 0 }	140 0	140 0	120 0
22 0	22 0	24 0	154 0	165 0	160 0
21 0	21 0	23 0	140 0	140 0	140 0
21 0	21 0	26 0	160 0	160 0	140 0
19 0	20 0	27 0	...	...	...
24 2	24 3	25 13	126 0	126 0	126 0
20 3	20 14	24 0	151 8	151 8	126 8
20 0	20 0	22 0	160 0	160 0	160 0
20 0	23 0	22 0	130 0	160 0	120 0
17 0	18 0	21 0	200 0	200 0	200 0

22 5	22 5	17 1	80 0	80 0	80 0
19 11	19 11	18 6	64 0	80 0	104 0
14 0	14 0	14 0	120 0	120 0	120 0

15 0	15 0	19 0	240 0	320 0	240 0
12 0	12 0	14 0	120 0	130 0	110 0
13 0	13 0	24 0	160 0	180 0	160 0
16 8	17 0	17 0	240 0	160 0	120 0

Districts of Bengal for the Fortnight ending the 30th June 1884.—(Concl'd.)

			WHOLESALE PRICES PER MAUND OF 40 SEERS.			AVERAGE WAGES PER MONTH.									DISTRICTS.
SALT.			SALT.			ABLE-BODIED AGRICULTURAL LABOURER.			SYCE OR HORSE-KEEPER.			COMMON MASON, CARPENTER, OR BLACKSMITH.			
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	
S. Ch.	S. Ch.	S. Ch.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A.	Rs. A.	Rs. A.	Rs. A.	Rs. A.	Rs. A.	Rs. A.	Rs. A.	Rs. A.	
9 8	8 0	9 0	4 0 0	4 12 0	4 0 0	9 0	7 8	7 8	7 0	6 0	6 0	12 0	7 8	7 8	Chittagong.
10 0	10 0	10 0	3 6 0	3 6 0	3 6 0	11 0	9 0	11 4	8 0	7 0	7 8	14 0	10 0	10 8	Noakholly.
12 0	12 0	11 8	3 4 0	3 4 0	3 6 0	7 0	7 0	1 0	5 0	5 0	5 0	7 0	7 0	7 0	Tipperah.
6 6	8 0	6 4	5 0 0	4 8 0	6 0 0	8 0	8 0	8 0	6 0	7 0	7 0	20 0	20 0	20 0	Chittagong Hill Tracts.
11 0	11 0	11 0	3 4 0	3 4 0	3 4 0	6 0	6 0	6 0	5 0	5 0	5 0	7 0	6 0	7 0	Hill Tipperah.
						9 0	8 0	9 0	7 0	7 0	7 0	16 0	5 0	16 0	BEHAR.
10 8	10 8	10 8	3 2 0	3 2 0	3 0 0	10 0	9 0	11 4	8 0	7 0	7 8	14 0	10 0	10 8	Patna.
11 0	11 0	12 0	3 4 0	3 4 0	3 6 0	7 0	7 0	1 0	5 0	5 0	5 0	7 0	7 0	7 0	Gya.
12 0	12 0	12 8	3 1 0	3 1 0	3 1 0	8 0	8 0	8 0	6 0	7 0	7 0	20 0	20 0	20 0	Shahabad.
12 8	12 1	10 0	3 1 6	3 3 0	3 10 0	6 0	6 0	6 0	5 0	5 0	5 0	7 0	6 0	7 0	Durbhunga.
12 0	12 0	11 8	3 4 0	3 4 0	3 6 0	9 0	8 0	9 0	7 0	7 0	7 0	16 0	5 0	16 0	Mozufferpore.
11 0	11 8	11 0	3 5 0	3 5 0	3 6 0	10 0	9 0	11 4	8 0	7 0	7 8	14 0	10 0	10 8	Saran.
11 8	11 8	11 0	3 7 0	3 7 0	3 10 0	11 0	9 0	11 4	8 0	7 0	7 8	14 0	10 0	10 8	Champuram.
12 1	12 1	12 0	3 2 5	3 2 6	3 2 3	12 0	12 0	12 8	3 1 0	3 1 0	3 1 0	3 1 0	3 1 0	3 1 0	Monghyr.
12 10	12 10	12 10	3 0 0	3 0 0	3 0 6	12 8	12 1	10 0	3 1 6	3 3 0	3 10 0	12 0	12 0	12 8	Bhagulpore.
10 12	10 12	10 0	3 13 0	3 12 0	.....	12 0	12 0	11 8	3 4 0	3 4 0	3 6 0	12 0	12 0	12 8	Purneah.
...	10 0	10 0	.....	3 12 0	3 4 0	12 0	12 0	11 8	3 4 0	3 4 0	3 6 0	12 0	12 0	12 8	Maldah.
0 8	10 2	10 0	3 12 0	3 14 0	.....	12 0	12 0	11 8	3 4 0	3 4 0	3 6 0	12 0	12 0	12 8	Sonthal Pergna.
						12 0	12 0	11 8	3 4 0	3 4 0	3 6 0	12 0	12 0	12 8	OMISSA.
14 0	14 0	14 0	2 12 0	2 12 0	2 12 0	12 0	12 0	11 8	3 4 0	3 4 0	3 6 0	12 0	12 0	12 8	Cuttack.
16 0	16 0	14 0	2 6 0	2 6 0	2 12 0	12 0	12 0	11 8	3 4 0	3 4 0	3 6 0	12 0	12 0	12 8	Pooree.
9 0	8 0	9 2	3 13 0	3 12 0	.....	12 0	12 0	11 8	3 4 0	3 4 0	3 6 0	12 0	12 0	12 8	Balasore.
						12 0	12 0	11 8	3 4 0	3 4 0	3 6 0	12 0	12 0	12 8	CHOTA NAGPORE.
10 0	10 0	9 0	3 11 0	3 11 0	3 15 2	12 0	12 0	11 8	3 4 0	3 4 0	3 6 0	12 0	12 0	12 8	South-Western Frontier Agency.
9 0	9 0	9 0	4 4 0	4 4 0	4 2 0	12 0	12 0	11 8	3 4 0	3 4 0	3 6 0	12 0	12 0	12 8	Hazareebah.
8 0	8 0	8 0	4 6 0	4 0 0	4 0 0	12 0	12 0	11 8	3 4 0	3 4 0	3 6 0	12 0	12 0	12 8	Lohardugga.
10 10	10 10	10 8	3 9 0	3 6 0	3 9 0	12 0	12 0	11 8	3 4 0	3 4 0	3 6 0	12 0	12 0	12 8	Singbhoom.
						12 0	12 0	11 8	3 4 0	3 4 0	3 6 0	12 0	12 0	12 8	Manbhoom.

* Agricultural labourers are generally paid in kind, ordinarily 2½ seers if Mahor Murwa are given as daily wages.

Z1 In the interior the retail price of salt ranged from 10 to 12 seers per rupee.

Z2 In the sub-division of Begusarai and Jamui the retail price of salt was 11 seers per rupee.

Z3 In the sub-divisions the retail prices of salt per rupee were:—Banka 12½ seers, Madhupur 10½ seers, and Soopole 11 seers.

Z4 In the sub-divisions the retail prices of salt per rupee were:—Kissengunge 10 seers, and at Raesgunge in Arrajah 11 seers.

Z5 In the sub-divisions the retail price of salt per rupee were:—Rajmahal 11 seers, and Godda 12 seers.

Z6 The retail price of salt at Bhadrachal was 8 seers per rupee.

Z7 The retail price of salt at Chattri 10 seers, and at Kharrackdiha 11½ seers per rupee.

Z8 In the sub-division of Govindpore the retail price of salt was 11 seers per rupee.

Published for general information.

COLMAN MACAULAY,
Secretary to the Govt. of Bengal.

WHOLESALE PRICES-CURRENT of Food-grains, Fire-wood, and Salt in

Number.	MARTS.	PRICES PER MAUND														
		WHEAT.			BARLEY.			RICE, BEST SORT.			RICE, COMMON.			BULRUSH MILLET— COMBOO BAJRA.		
		Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
		R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.
1	Calcutta ...	2 6 0	2 6 0	2 14 0	1 15 0	1 15 0	2 0 0	4 8 0	4 8 0	3 14 0	3 0 0	3 0 0	2 8 0	2 10 0	2 10 0	2 0 0
2	Serajgunge ...	2 4 0	...	1 13 0	...	...	...	3 12 0	3 14 0	4 0 0	2 6 0	2 8 0	2 4 0	...	...	...
3	Dacca ...	2 6 0	2 6 0	3 2 0	1 14 0	1 14 0	2 0 0	3 2 0	3 2 0	2 10 0	2 10 0	2 10 0	2 2 0	...	...	...
4	Naraingunge ...	...	...	...	...	...	...	2 8 0	2 9 0	2 3 0	2 6 0	2 7 0	2 0 0	...	...	...
5	Chittagong ...	3 0 0	3 0 0	3 0 0	...	...	...	3 0 0	3 0 0	2 14 0	2 6 0	2 4 0	2 0 0	...	...	...
6	Patna ...	1 14 6	1 12 0	2 3 0	1 11 6	1 9 6	1 3 0	3 1 0	3 0 0	2 11 0	2 13 9	2 14 0	2 0 0	...	...	...
7	Balasore ...	2 2 0	2 2 0	2 12 0	3 2 0	3 2 0	...	3 0 0	3 0 0	2 8 0	1 13 0	1 13 0	1 5 0	...	...	...
8	Pooree ...	...	...	...	...	...	...	...	...	...	1 12 0	1 12 0	2 2 0	...	...	...
9	Cuttack ...	2 5 0	2 10 0	3 0 0	...	...	...	3 0 0	3 0 0	3 0 0	2 0 0	2 0 0	1 10 0	...	...	...

CALCUTTA,
The 8th July 1884.

the undermentioned Marts of Bengal for the Fortnight ending the 30th June 1884.

OF 40 SERIES.

GREAT MILLET— CHOLU JOWAR			LESSER MILLET— RAGI OR MURWA AND GREENA.			MAIZE OR INDIAN- CORN.			GRAM.			FIRWOOD.			SALT.			MARTS.
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	
R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	
2 4 0	2 4 0	...	...	...	...	...	...	...	2 2 0	2 2 0	2 4 0	0 5 0	0 5 0	0 3 2	2 12 0	2 12 0	2 12 0	Calcutta.
...	2 4 0	2 4 0	0 10 0	...	...	0 6 0	3 2 6	3 0 6	3 2 0	Seraingunge.
...	2 6 0	2 6 0	2 4 0	0 7 0	0 7 0	5 0 3	2 0 3	2 0 3	4 0	Dacca.
...	2 4 0	2 0 0	2 8 0	0 7 0	0 7 0	7 0 3	0 0 3	0 0 3	0 0	Naraingung.
...	2 8 0	2 12 0	0 3 0	0 4 0	0 4 0	5 3 4	0 0	...	4 0 0	Chittagong.
...	1 11 0	1 9 0	1 3 0	1 12 0	1 12 0	1 5 0	0 5 0	0 5 0	5 0 3	2 0 3	2 0 3	0 0	Patna.
...	2 10 0	2 10 0	2 12 0	0 5 0	0 5 0	5 4 3	13 0 3	12 0 4	8 0	Balasore.
...	2 6 0	2 6 0	11 0	Poores.
...	2 5 0	2 5 0	2 10 0	...	...	...	1 10 0	1 10 0	0 2 2 0	0 8 0	0 8 0	8 0 2	12 0 2	12 0 2	12 0	Cuttack.

Published for general information.

COLMAN MACAULAY,
Secy. to the Govt. of Bengal.

The following Statement shows the Quantities of the Principal Staples of Traffic imported into Calcutta from the Interior during the month of April 1884.

IMPORTS INTO CALCUTTA.

Once imported.	FOOD-GRAINS.							FIBROUS PRODUCTS.		OIL-SEEDS.		Tea, Indian.	Cotton, raw.	Silk, raw.	SUGAR.		TOBACCO.	
	RICE AND PADDY.			Wheat.	Gram and pulses.	Other food-grains.	Total.	Jute, raw.	Gunny-bags.	Linseed.	Mustard-seed.				Refined.	Un-refined.	Bio-path.	Other kinds.
	Rice.	Paddy.	Total (in rice).															
BENGAL.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	No.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.		Mds.
Burdwan ...	24,422	450	24,703	2,416	8,153	890	36,162	472	150	2,782	248	.....	.....	59	12	90	.....	79
Beerbhoom ...	9,327	.....	9,327	.....	282	.....	9,609	.....	.....	2,590	.....	.....	48	459	.....	.....	.....	.....
Midnapore ...	82,474	79,321	1,32,050	186	2,812	.....	1,35,948	160	1,545	4,977	870	.....	.....	372	.....	630	.....	.....
Hoochly ...	58,928	2,380	60,384	13,547	14,050	1,252	89,233	12,885	957,314	13,115	2,585	.....	1,455	20	584	9,705	75	3,517
21-Perannuaha ...	1,35,896	13,917	1,44,585	8,507	15,192	.....	1,68,344	14,425	205,623	8,645	139	.....	2,115	.....	22,827	20,654	15	15,15
Nudda ...	2,680	819	3,102	63,682	78,732	3,200	1,48,806	6,330	50	82,375	7,015	.....	195	736	2,002	44,370	.....	6,898
Khulna ...	17,261	14,585	26,252	.....	3,895	.....	30,657	480	.....	1,775	.....	.....	.....	.....	1,000	7,075	.....	.....
Jessore ...	6,764	760	6,232	5,712	13,955	.....	25,929	3,598	60	18,112	1,055	.....	30	.....	2,235	11,286	.....	.....
Moorsheadabad ...	.....	.....	.....	3,249	2,113	120	5,482	209	.....	1,903	804	.....	.....	191	.....	.....	.....	7,415
Dinagore ...	3,853	.....	3,853	.....	18	.....	3,871	214	.....	2,049	.....	.....	.....	.....	.....	.....	.....	.....
Rajshahye ...	.....	.....	.....	.....	2,840	.....	2,840	1,778	.....	1,923	7,373	.....	.....	9	.....	.....	.....	.....
Rangpore ...	8	.....	8	.....	.....	.....	8	24,870	39,330	1,359	.....	.....	735	.....	.....	.....	.....	.....
Boara ...	8,053	.....	8,053	.....	.....	.....	8,053	2,370	180	1,373	4,133	.....	.....	.....	.....	.....	.....	37,045
.....	.....	.....	.....	177	650	47	874	75,610	394,590	3,789	55,017	.....	.....	.....	.....	.....	.....	2,841
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	436	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	161	.....	.....	.....	.....	.....	.....
.....	775	.....	775	.....	1,593	202	2,570	74,137	.....	2,520	27,011	.....	1,299	.....	.....	.....	.....	810
.....	8,490	300	8,678	1,564	14,204	248	24,083	23,013	.....	43,131	34,396	.....	2,665	.....	.....	.....	.....	1,037
.....	2,44,967	600	2,45,342	.....	359	.....	2,45,692	800	.....	.....	287	.....	.....	.....	.....	.....	.....	.....
.....	3,230	.....	3,230	.....	1,120	.....	4,550	21,088	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	4,506	.....	4,506	.....	.....	.....	4,506	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	72	400	.....	.....	.....	.....	.....
.....	6,413	475	6,710	.....	.....	.....	6,710	.....	.....	350	.....	.....	890	.....	.....	.....	.....	.....
Total of Bengal...	6,17,037	1,13,345	6,87,880	99,100	1,59,898	6,019	9,52,897	2,68,946	1,015,402	1,89,490	1,45,514	719	9,712	1,837	30,160	1,02,808	79	63,472
BEHAR.																		
.....	10	.....	10	281	18,902	3,885	23,078	.....	.....	1,48,216	80,361	.....	.....	.....	306	80	.....	3,706
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	53,323	4,341	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	21,819	4,217	7	26,043	.....	.....	78,869	11,990	.....	.....	.....	174	.....	.....	15
.....	.....	.....	.....	.....	.....	529	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	65
.....	.....	.....	.....	.....	.....	261	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	36,314	13,508	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8,765	799	.....	.....	.....	.....	.....	.....	242
.....	.....	.....	.....	.....	11,319	.....	11,319	.....	.....	26,343	18,266	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	823	9,802	.....	.....	31,924	31,924	.....	.....	29	.....	60	.....	33
.....	.....	.....	.....	.....	.....	420	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	143	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	32	.....	32	50	739	.....	841	171	.....	.....	110	.....	.....	.....	.....	.....	.....	1,143
.....
.....	.....	.....	.....	41,527	4,588	.....	49,115	.....	.....	21,122	62,751	.....	25	29	.....	.....	.....	.....
Total of Behar ...	42	.....	42	67,920	39,928	14,484	1,22,374	171	.....	3,94,976	2,21,857	.....	23	40	480	140	.....	5,206
ORISSA.																		
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,400	.....	.....	.....	.....	.....	.....	.....	.....
.....	1,14,126	55,546	1,48,842	1,418	595	.....	1,50,855	.....	.....	31	1,034	.....	.....	.....	.....	.....	.....	.....
Total of Orissa ...	1,14,126	55,546	1,48,842	1,418	595	.....	1,50,855	.....	1,800	31	1,034	.....	.....	.....	.....	.....	.....	.....
COTA NAGPORE.																		
.....	2	.....	2	.....	.....	.....	2	.....	.....	532	.....	35	26	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	48	.....	48	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total ...	2	.....	2	.....	48	.....	50	.....	.....	531	.....	35	26	.....	.....	.....	.....	.....
Grand Total of supplies from the Provinces under the Lieutenant-Governor of Bengal.	7,31,207	1,08,894	8,36,766	1,68,438	2,00,469	20,503	12,26,176	2,69,117	1,017,202	5,84,939	3,68,405	754	9,793	1,877	30,640	1,02,946	79	68,678
HER PROVINCES																		
.....	.....	.....	.....	.....	60	.....	60	2,618	.....	359	31,624	263	210	45	.....	.....	.....	.....
.....
.....	13	.....	13	2,86,150	22,611	260	3,09,043	.....	.....	1,42,310	3,83,005	362	44,141	.....	692	279	.....	12
.....	9	.....	9	1,902	649	.....	2,550	.....	.....	.....	2,498	148	4,175	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	267	.....	534	.....	.....	39,678	.....	.....	700	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	19,034	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	8,339	.....	8,339	.....	.....	361	.....	.....	.....	.....	1,715	.....	.....	194
.....	.....	.....	.....	.....	.....	.....	.....	302	600	.....	19	.....	1,705	.....	.....	.....	.....	.....
.....	112	.....	112	.....	38	.....	150	.....	.....	.....	.....	.....	207	.....	.....	.....	.....	176
Grand Total 1884 of imports in April 1883	7,31,341	1,08,894	8,36,900	4,56,757	2,32,493	20,772	15,46,922	2,72,097	1,017,862	7,67,647	7,95,452	1,527	79,815	2,129	32,937	1,03,225	79	69,600
.....	10,84,994	1,36,125	11,70,071	8,92,043	2,61,919	27,815	23,41,848	8,06,900	2,257,013	4,34,099	6,06,406	1,941	95,753	1,351	66,159	1,35,437	.....	.....

* One maund of paddy is equivalent to 25 seers of rice.
† Exclusive of bags obtained by local manufacture.

The Sea-borne Trade of Calcutta in these Staples during the month of April 1884 was as follows.—

EXPORTED FROM CALCUTTA—																		
to Indian ports, viz.—																		
Bombay	1,06,399	69	1,06,442	.....	2,025	.....	1,08,437	2,503	1,574,620	.....	.....	23	.....	.....	.....	.....	.....	.....
Sind	.....	.....	.....	.....	.....	.....	.....	.....	70,000	.....	.....	.....	.....	.....	.....	.....	.....	.....
Madras	91,812	600	92,187	51	3,367	.....	95,605	1,215	278,450	.....	.....	1	.....	219	69	.....	.....	.....
Other ports in India	.....	.....	.....	54	817	.....	871	.....	349,054	.....	30	1	.....	10	652	.....	.....	.....
British Burmah	3,367	1	3,368	263	5,365	7	9,006	1,078	747,800	7	27	21	.....	5	1,802	215	.....	2,157
Other Indian ports	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pondicherry	.....	.....	.....	280	.....	.....	280	.....	201,850	.....	.....	5	8	25	892	31	.....	3,200
Total of Inter-port trade	2,01,671	671	2,02,091	651	12,467	21	2,15,230	4,796	3,285,974	7	57	50	8	271	3,465	246	...	5,417
to Foreign ports—																		
United Kingdom	71,128	.....	71,128	2,16,702	7,384	.....	2,95,214	2,70,696	263,296	4,41,226	4,59,280	1,378	51,555	754	2,547	18,619	...	5,490
Other Foreign ports	2,57,523	3,397	2,59,616	695	21,966	1,415	2,83,732	1,41,136	3,853,135	1,93,265	4	814	20,539	1,200	67	.....	...	3,629
Total of Foreign trade	3,28,651	3,397	3,30,774	2,17,387	29,379	1,415	3,78,946	4,11,832	4,116,430	6,34,511	4,58,564	2,192	72,094	1,954	2,614	18,619	...	9,010
Grand Total 1884 of Exports	5,30,322	4,068	5,32,865	2,18,088	41,837	1,436	7,94,176	4,16,628	7,402,404	6,34,518	4,58,821	2,242	72,102	2,225	6,079	18,865	...	14,427

The following Statement shows the several Routes followed by the Trade in the Principal Staples of Traffic imported into Calcutta during the month of April 1884.

IMPORTS INTO CALCUTTA.

SPECIFICATION OF ROUTES.	FOOD-GRAINS.					FIBROUS PRODUCTS.		OILSEEDS.		Tea, Indian.	Cotton, raw.	Silk, raw.	SUGAR.		TOBACCO.	
	Rice.	Paddy.	Wheat.	Gram and pulses.	Other food-grains.	Jute, raw.	Gunny-bags.	Linseed.	Mustard-seed.				Refined.	Un-refined.	Ris-path.	Other kinds.
By country boats	Mds. 5,97,682	Mds. 1,32,390	Mds. 60,446	Mds. 1,05,260	Mds. 4,704	Mds. 64,994	No. 538,572	Mds. 74,853	Mds. 27,818	Mds. 3,350	Mds. 302	Mds. 9,071	Mds. 23,477		70	Mds. 8,564
river steamers	55,819	...	3,89,787	66,487	15,154	1,17,293	...	451	92,268	263	1,419	45	...	...	...	2,563
East Indian	12,139	...	21,507	36,269	914	79,038	461,110	98,596	58,533	647	3,517	745	1,082	404	...	1,552
Eastern Bengal	10,052	...	13,599	15,445	...	13,560	480	...	...	...	...	...	...	...	...	...
Cal. and South-Eastern	73,091	9,128	...	...	...	25,560	2,400	392	554	72	21,199	207	1,715	...	...	25,990
road	94,558	27,346	1,418	9,032	...	362	...	...	...	...	...	...	...	...	...	370
sea	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Grand Total of imports in April	1884... 7,31,341	1,68,894	4,56,757	2,32,493	20,772	2,72,007	1,017,862	7,67,647	7,85,452	1,527	79,818	2,129	32,957	1,03,225	70	69,060
1883...	10,84,994	1,36,125	8,92,043	2,51,919	27,815	8,00,900	2,257,913	4,34,699	6,66,466	1,961	95,758	1,351	66,159	1,36,487	...	...

The following Statement shows the Values, Quantities, and Numbers of the Principal Staples of Traffic exported inland from Calcutta during the month of April 1884.

EXPORTS FROM CALCUTTA.

Whither exported.	Cotton piece-goods.		Cotton twist.		Salt.	Gunny-bags.	Whither exported.	Cotton piece-goods.		Cotton twist.		Salt.	Gunny-bags.
	European.	Indian.	European.	Indian.				European.	Indian.	European.	Indian.		
BENGAL.	Rs.	Rs.	Mds.	Mds.	Mds.	No.	CHOTA NAGPORE.	Rs.	Rs.	Mds.	Mds.	Mds.	No.
Burdwan	2,87,500	1,440	479	1,119	36,186	55,149	Hazaribagh	43,200	360	...	43	8,342	3,080
Beerbhoom	2,17,650	2,160	162	559	19,159	18,725	Manbhoon	43,875	...	31	731	8,390	1,490
Midnapore	1,22,780	200	1,422	...	1,255	6,909	Total of Chota Nagore	87,075	360	31	774	16,732	4,480
Booghly	1,17,213	2,565	616	...	1,694	69,512	Grand Total of supplies into the provinces under the Lieutenant-Governor of Bengal.	89,13,228	57,934	11,754	4,725	1,81,381	1,105,781
14 Pergunnahs	1,56,679	24,769	681	...	8,191	18,696	OTHER PROVINCES.						
Nudda	2,92,210	...	1,267	28	15,659	45,991	Assam	3,96,973	400	221	...	7,040	219
Khulna	4,900	...	...	...	765	...	North-Western Provinces and Oudh	47,14,125	7,830	2,698	359	21,448	707,950
Jessore	95,570	...	6	93	3,739	2,673	Punjab	17,83,509	999	2,309	9	...	292,080
Moorshedabad	1,42,575	3,690	44	...	5,765	9,193	Central Provinces	99,975	189	805	...	...	59,595
Dinapore	81,497	...	177	...	3,719	840	Rajputana States	51,975	...	115	...	...	4,559
Rajshahye	77,280	...	172	...	6,916	5,673	Bombay	5,547	...	...	...	...	1,574,639
Kunkpore	2,25,248	...	175	...	14,009	540	Madras	32,727	1,239	1,797	46	...	70,099
Bogra	1,08,560	80	120	...	4,595	2,439	Sind	...	...	...	...	...	63,090
Puana	2,24,089	...	143	...	38,728	2,510	Pondicherry	...	...	...	...	...	747,960
Darjeeling	60,040	5,120	53	...	8,761	30	British Burmah	1,35,098	...	189	2,909	...	4,116,489
Jalpigore	1,01,040	329	341	...	16,300	4,230	Other places	10,900	7,923	18	194	...	...
Dacca	3,64,908	5,440	1,760	13	10,359	11,190	Grand Total of 1884	1,52,45,254	76,487	20,005	8,242	4,59,869	2,331,600
Furteepore	2,74,540	...	497	...	12,409	...	Exports in April 1883	1,54,94,889	77,748	18,872	6,535	4,18,939	11,257,827
Backergunge	1,50,293	...	...	...	22,030	...							
Mymensingh	1,02,250	...	287	...	...	22,800							
Chittagong	400	...	...	...	...	...		
Noakholy	...	...	...	...	...	...	
Total of Bengal	32,46,013	45,784	8,405	1,812	2,30,300	247,056							
BEHAR.													
Patna	15,16,350	1,440	86	86	36,178	246,315	IMPORTED INTO CALCUTTA—	Rs.*	Rs.	Mds.	Mds.	Mds.	No.
Gya	3,15,430	...	28	251	10,300	27,930	From Foreign Ports—						
Shahabad	6,27,150	1,170	1	195	14,167	97,655	United Kingdom	1,00,89,876	...	19,805	...	5,03,224	...
Muzafferpore	1,47,150	...	...	...	4,986	5,636	Other Foreign ports	26,132	...	593	...	1,09,292	...
Durbhanga	3,89,250	...	26	539	30,254	38,405	Total of Foreign trade	1,01,16,108	...	20,398	...	6,09,436	...
Chumpanan	5,44,200	...	6	...	9,065	12,110	From Indian Ports—						
Monknyr	2,58,900	1,530	2	222	12,032	55,555	Bombay	11,396	63,648	122	6,456	22,091	...
Shahulpore	1,82,175	90	156	168	18,251	72,520	Madras	15,142	905	...	...	...	...
Purneah	2,57,625	...	...	...	1,700	970	British Burmah	1,690	240	...	...	...	600
Kulda	...	...	...	...	...	...	Other Indian ports	1,590	...	57	...	...	1,800
Southal Pergunnahs	3,25,875	6,790	149	255	36,627	119,639	Total of interport trade	29,641	64,785	179	6,436	22,091	2,470
Total of Behar	45,55,125	11,700	434	1,889	1,84,100	674,845	Grand Total of 1884	1,01,45,749	64,785	20,577	6,436	6,31,517	2,490
ORISSA.							Imports in April 1883	1,13,75,973	51,290	20,242	4,053	4,45,119	1,290
Cuttack	1,25,015	...	2,884	259	245	169,900							
Bansore	...	...	...	...	...	...	
Total of Orissa	1,25,015	...	2,884	259	249	179,400							

The following Statement shows the several Routes followed by the Trade in the Principal Staples of Traffic exported from Calcutta during the month of April 1884.

SPECIFICATION OF ROUTES.	COTTON PIECE-GOODS.		COTTON TWIST.		Salt.	Gunny-bags.
	European.	Indian.	European.	Indian.		
By country boats	Rs. 2,74,024	Rs. 11,425	Mds. 1,989	Mds. 1,01,571	Mds. 1,01,571	No. 84,940
river steamers	5,85,268	...	1,395	...	5,415	1,765,299
East Indian	1,19,33,025	29,340	7,029	4,502	2,74,066	63,200
Eastern Bengal	18,93,440	41,560	2,949	41	72,931	3,49
Calcutta and South-Eastern	15,529	...	3	...	173	12,547
road	2,13,765	16,109	980	...	5,604	742,404
sea	4,14,612	8,253	5,172	3,509	249	...
Grand Total of Exports in April	1884... 1,02,45,254	76,487	20,005	8,242	4,59,869	9,331,600
1883...	1,04,94,889	77,748	18,872	6,535	4,18,939	11,257,827

* As per tariff declaration value.

STATISTICAL DEPARTMENT,
The 5th July 1884.

COLMAN MACAULAY,
Secy. to the Govt. of Bengal.

Meteorological Report of the Province of Bengal

METEOROLOGICAL DIVISION.	DISTRICT.	Representative station.	STATION OBSERVATIONS.													Average humidity at 10 A. M.	Average cloud amount at 10 A. M. for week.
			AIR PRESSURE.			WIND.		TEMPERATURE.									
			Mean barometric height, 10 A. M.	Mean reduced to sea-level.	Variation from mean.	Prevailing direction.	Mean wind velocity.	Highest during week.	Lowest during week.	Mean maximum temperature.	Mean minimum temperature of week.	Mean daily temperature of week.	Variation from normal mean of week.	Mean 10 A. M. temperature.			
ORISSA.	Pooree ...	Gopalpore ...	29.559	29.600	—	S	281	85.6	79.8	84.1	80.8	82.5	—	83.1	85	7.6	
	False Point ...	False Point ...	29.567	29.589	—0.024	SW	216	93.5	76.6	90.1	77.4	83.8	+0.8	84.2	82	8.0	
	Cuttack ...	Cuttack ...	29.515	29.536	—0.027	NE	63	97.9	76.8	90.8	78.6	84.7	0	85.2	73	8.6	
	Balasore ...	Balasore ...	29.521	29.579	—	SW	129	90.4	76.2	87.9	79.4	83.6	—	85.3	79	8.6	
SOUTH-WEST BENGAL.	South-West Midnapore ...	Saugor Island ...	29.550	29.576	—0.034	SW	254	90.2	78.0	88.2	79.7	84.0	—0.2	83.7	85	8.8	
	South 24-Pergunnahs ...	Midnapore ...	29.437	29.586	—	NE	101.5	93.8	77.3	90.9	78.7	84.8	—	85.9	76	7.0	
	Midnapore ...	Calcutta ...	29.563	29.585	—0.020	ESE	106	92.0	77.2	88.5	78.9	83.7	+0.1	83.1	86	8.1	
	Howrah ...	Burdwan ...	29.490	29.589	—0.014	E	93	94.6	78.4	92.5	79.3	85.9	+0.8	87.2	70	7.3	
	Hooghly ...	Bankoora ...	29.242	—	—	SE	108.8	96.5	76.8	93.1	78.5	83.8	—	86.8	70	5.6	
	Burdwan ...	Ranigunge ...	29.529	29.535	—0.009	ESE	116.7	93.2	78.8	90.4	79.7	85.1	—0.2	85.5	82	9.7	
	Beerbhoom ...	Berhampore ...	29.571	29.604	—0.024	S	130	91.8	77.4	89.4	79.7	84.5	+0.2	85.6	82	9.0	
	West Burdwan ...	Jessore ...	29.595	29.683	—0.064	SE	147	88.1	75.0	85.5	76.4	80.9	—0.7	82.0	85	7.7	
	Mooredabad ...	Chittagong ...	29.600	—	—	SSE	147.8	85.9	71.4	84.8	76.4	80.6	—	81.6	86	9.0	
	Nuddea ...	Chittagong Hill Tracts ...	29.646	29.690	—	SE	146.1	88.0	75.3	86.2	77.5	81.9	—	82.3	82	4.7	
EAST BENGAL.	Jessore ...	Barrisal ...	29.581	—	—	ESE	163.3	89.5	77.9	88.5	78.6	83.6	—	84.5	84	5.7	
	Khoolna ...	Noakholly ...	29.605	29.627	—0.002	SSE	154	90.3	77.7	89.1	79.0	83.9	+0.3	85.4	82	7.8	
	Chittagong ...	Furzedpore ...	29.624	29.660	—	E & NNW	105.8	89.4	74.8	88.0	77.2	82.6	—	83.1	89	5.7	
	Chittagong Hill Tracts ...	Dacca ...	29.580	—	—	SSE	181.8	91.3	78.0	89.2	79.0	84.1	—	83.3	81	6.0	
	Backergunge ...	Commillah ...	29.571	29.617	—	SE	134.7	90.6	76.7	89.0	78.4	83.7	—	84.0	82	8.0	
	Noakholly ...	Rajshahye ...	29.510	29.584	—	SSE	176.1	91.6	76.6	89.0	78.0	83.5	—	85.4	82	4.6	
	Furzedpore ...	Dinagopore ...	29.421	29.540	—	SE	146.8	91.6	78.1	90.8	79.6	85.2	—	84.4	81	4.9	
	Dacca ...	Rungpore ...	29.524	29.648	—	SE	137	91.8	74.6	89.2	77.9	83.6	—	84.4	83	7.0	
	Commillah ...	Julpigoree ...	29.440	29.727	—	E	86.1	92.0	74.1	90.7	75.0	82.8	—	83.8	71	6.3	
	Mymensingh ...	Cooch Behar ...	22.889	—	—	Calm	26	76.5	56.7	67.7	57.8	62.8	—	61.8	99	10.0	
NORTH BENGAL.	Darjeeling Hill Districts	Darjeeling ...	29.467	29.592	—0.026	Calm	34	93.2	76.8	91.6	78.7	85.1	+0.1	85.6	86	8.7	
	Purneah ...	Purneah ...	29.411	—	—	ESE	—	95.6	77.6	93.0	79.1	86.0	—	85.5	85	7.6	
	North Bhagulpore ...	Mozufferpore ...	29.419	29.585	—0.022	ENE	127	92.4	77.0	90.8	79.0	84.9	+0.1	83.3	87	5.7	
	Mozufferpore ...	Durbhunga ...	29.552	29.578	—	E & SE	223.9	94.6	73.3	92.1	77.7	84.9	—	84.2	79	6.1	
	Durbhunga ...	Motihari ...	29.380	—	—	E	102.4	95.5	79.0	92.9	81.3	82.1	—	85.7	80	6.4	
	Chumparun ...	Chupra ...	29.187	29.536	—	SE	222.5	—	—	—	—	—	—	—	—	6.3	
	Sarun ...	Dehree ...	29.315	29.554	—	E	149.5	101.9	77.2	90.7	80.1	85.4	—	86.2	89	8.1	
	Shahabad ...	Buxar ...	29.347	29.539	—	ESE	133.0	96.4	77.6	91.7	80.0	85.8	—	86.4	79	4.9	
	Gya ...	Arrah ...	29.164	29.536	?	E	?	100.2	75.3	96.4	77.6	87.0	+1.0	89.3	68	10.0	
	Patna ...	Bankipore ...	29.395	29.576	—0.013	E & NE	132	98.0	79.2	93.9	81.5	87.7	+1.3	87.1	77	7.2	
SOUTH BENGAL.	South Bhagulpore ...	Bhagulpore ...	29.397	29.559	—	SE	70.2	92.9	77.0	91.0	79.6	85.3	—	86.0	77	3.7	
	Monghyr ...	—	—	—	—	SE	—	—	—	—	—	—	—	—	—	—	
	Sonthal Pergunnahs ...	Doomka ...	29.068	—	—	Variable	—	94.6	76.7	91.2	78.5	84.9	—	86.6	87	4.7	
	Hazaribagh ...	Hazaribagh ...	27.598	29.576	—0.091	—	110	89.5	72.6	86.2	74.3	80.3	+0.1	81.3	78	10.0	
	Lohardugga ...	Ranchee ...	27.472	29.570	—	—	—	89.5	71.5	84.6	73.6	79.1	—	79.6	81	9.4	
CHUTIA NAG-PUKUR.	Manbhoom ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	Singbhoom ...	Chyebassa ...	28.800	—	—	SW	40.5	94.0	78.0	91.4	77.9	84.6	—	83.4	73	6.1	

Explanation of Summary.—The normal means of air pressure and temperature are the arithmetical averages or means of the readings during the same year. The humidity of the atmosphere is expressed as a percentage, saturated air being represented by 100. A clear sky is denoted by 0 and an overcast sky by 100. The normal means of the rainfall are the numerical means or averages of the rainfall in that district determined from the returns sent in by the sub-divisions from the district, (i.e.) the total rainfall at the sub-divisional stations in the district sending in returns, divided by the number of stations. A rain

for the week ending Friday, the 4th July 1884.

Rainfall of week at observing stations.	DISTRICT OBSERVATIONS.										Representative station.	DISTRICT.	METEOROLOGICAL DIVISION.	
	RAINFALL.													
	Of week.		Since 1st of June.			Since 15th May.			Average number of rainy days.	Normal number of rainy days.				
	Mean for district.	Normal mean.	Mean for district.	Normal mean.	Variation.	Mean for district.	Normal mean.	Variation.						
4.26	—	—	—	—	—	—	—	—	—	—	Gopalpore	Pooree	ORISSA.	
5.90	4.30	3.48	10.09	10.92	-0.83	10.09	12.78	-2.69	4.5	3.3	False Point	...		
3.29	3.17	3.49	12.09	10.88	+1.21	12.26	13.00	-0.74	3.5	3.6	Cuttack	Cuttack		
4.55	2.44	2.64	14.81	9.41	+5.40	14.88	11.83	+3.05	3.0	3.8	Balasore	Balasore		
2.08	2.52	3.00	15.84	11.65	+4.19	16.14	14.30	+1.84	5.7	4.3	Saugor Island	South-West Midnapore	SOUTH-WEST BENGAL.	
5.55	2.47	2.65	8.91	11.18	-2.27	9.74	13.44	-3.70	3.0	3.6	Midnapore	South 24-Pergunnahs		
1.02	1.70	2.33	11.80	11.32	+0.48	12.75	14.23	-1.48	3.9	4.6	Calcutta	Midnapore		
0.38	0.42	1.81	10.04	9.94	+0.10	11.36	12.31	-0.95	4.0	3.6	...	24-Pergunnahs		
1.97	2.10	2.11	7.98	11.93	-3.95	9.27	14.31	-5.04	4.0	4.4	Howrah	Hooghly	SOUTH-WEST BENGAL.	
0.33	0.93	2.49	8.67	11.01	-2.34	10.84	13.64	-2.80	2.1	4.3	Burdwan	Burdwan		
1.36	1.05	11.28	11.08	+0.20	12.03	14.52	-1.59	2.7	3.8	...	Bankoora	Bankoora		
1.84	1.86	2.26	18.31	13.70	+4.61	20.24	17.21	+3.03	4.4	4.5	Ranigunge	Beerbhoom		
2.46	7.15	6.58	35.41	33.23	+2.18	44.19	38.77	+5.42	5.5	5.3	Berhampore	West Burdwan	SOUTH-WEST BENGAL.	
2.39	3.20	28.00	21.31	+6.78	32.84	25.67	+7.17	5.0	5.4	...	Moorshedabad	Moorshedabad		
4.40	5.48	3.65	28.30	22.21	+6.18	30.47	26.47	+4.00	5.0	5.2	...	Nuddea	Nuddea	
4.52	5.23	4.68	27.10	31.84	-4.74	33.18	37.32	-4.14	5.0	5.7	Jessore	Jessore	EAST BENGAL.	
0.63	2.15	2.38	14.48	13.54	+0.94	17.68	18.11	-0.43	4.3	4.2	...	Khoolna		Khoolna
1.07	2.39	1.97	15.86	13.89	+1.97	19.67	18.19	+1.18	4.7	3.9	Chittagong	Chittagong	EAST BENGAL.	
2.92	2.30	2.69	20.31	18.73	+1.58	25.49	23.45	+2.04	4.3	4.6	Demagiri	Chittagong Hill Tracts		
1.92	1.63	2.47	18.13	17.62	+0.51	24.09	22.81	+1.28	5.0	4.5	Barrisal	Backergunge		
2.69	2.82	2.01	13.09	13.05	+0.04	17.00	17.04	-0.04	3.7	3.6	Naakholly	Naakholly		
1.57	1.61	2.31	11.68	11.87	+0.19	14.64	14.67	-0.03	4.3	4.1	Furreedpore	Furreedpore	EAST BENGAL.	
1.04	1.76	2.71	14.71	16.52	-1.81	18.65	19.33	-0.68	4.3	4.5	Dacca	Dacca		
0.51	1.14	3.36	15.23	22.87	-7.64	23.16	29.45	-6.29	3.8	3.6	Commillah	Commillah		
3.13	3.47	3.80	26.93	33.36	-6.73	41.68	42.97	-1.29	5.4	4.9	Mymensingh	Mymensingh		
8.05	—	10.48	—	42.90	—	—	51.66	—	—	—	Serajgunge	Bogra and Pubna	NORTH BENGAL.	
1.74	—	3.02	—	13.92	+0.06	15.69	16.11	-0.42	4.6	3.6	Rampore Beaulah	Rajshahye		
1.43	4.25	—	15.68	—	—	—	—	—	—	—	...	Dinagopore		Dinagopore
0.64	1.48	2.60	8.80	6.60	-0.80	9.95	10.74	-1.09	3.7	3.0	Dinagopore	Dinagopore	NORTH BENGAL.	
3.89	3.17	3.23	10.72	9.50	+1.22	10.73	10.77	-0.04	3.0	2.9	Julpigoree	Julpigoree		
0.68	0.56	2.11	5.86	8.24	-2.38	5.86	9.06	-3.20	2.5	3.3	...	Cooch Behar	Cooch Behar	
4.55	—	—	—	—	—	—	—	—	—	—	Darjeeling	Darjeeling Hill Districts	NORTH BENGAL.	
1.17	1.75	2.06	4.22	6.82	-2.60	4.21	7.33	-3.12	4.3	3.6	Purneah	Purneah		
1.11	—	—	—	—	—	—	—	—	—	—	...	North Bhagulpore		North Bhagulpore
0.72	2.89	2.45	5.40	7.53	-2.15	5.83	8.77	-2.94	4.3	3.4	Durbhunga	Mozufferpore		
0.57	1.37	2.83	7.28	8.77	-1.49	7.28	9.98	-2.70	4.0	3.7	...	Durbhunga	Durbhunga	
1.53	1.45	2.63	8.88	8.68	+0.20	9.25	10.02	-0.77	2.8	3.6	Motihari	Chumparan	SOUTH BENGAL.	
2.67	2.06	2.74	8.03	11.13	-3.10	9.91	12.89	-2.98	3.7	4.1	Chupra	Sarun		
2.38	1.84	2.99	5.92	10.23	-4.31	6.05	11.63	-5.58	5.5	4.9	Dehree	Shahabad		
3.50	2.73	2.65	7.46	9.63	-2.17	7.75	11.96	-3.25	3.3	4.6	Arrah	—		
3.17	2.48	2.46	7.91	10.06	-2.15	7.91	12.27	-4.36	3.0	5.0	Gya	Gya	SOUTH BENGAL.	
—	—	—	—	—	—	—	—	—	—	—	Bankipore	Patna		
—	—	—	—	—	—	—	—	—	—	—	...	South Bhagulpore	South Bhagulpore	
—	—	—	—	—	—	—	—	—	—	—	Bhagulpore	Monghyr		
—	—	—	—	—	—	—	—	—	—	—	Doomka	Southal Pergunnahs	SOUTH BENGAL.	
—	—	—	—	—	—	—	—	—	—	—	Hazaribagh	Hazaribagh		
—	—	—	—	—	—	—	—	—	—	—	...	Lohardugga	Lohardugga	
—	—	—	—	—	—	—	—	—	—	—	Ranchee	Manbhoom		
—	—	—	—	—	—	—	—	—	—	—	Chyebassa	Singbhoom	CHITANAG.	

period for the past one year. The variations are *negative* when the mean for the week is less than the corresponding normal mean, and *positive* when greater. by 10. The number denoting cloud amount represent the part of the sky covered, the whole sky being denoted by 10. Under the head "district observational stations for the period in question during the past 12 years. The "means for the district" are the numerical averages of the rainfall returns received day is one on which at least an hundredth of an inch fell.

Statement of Rainfall in Bengal for the week ending Friday (6 p.m.), the 4th July 1884.

Meteorological division.	District.	Station.	RAINFALL.							Total.		Total rainfall from 1st June to 4th July 1884.	Average total rainfall from 1st June to 4th July 1884.	Total rainfall since 15th May 1884.	Average rainfall from 15th May to date.
			Saturday, 28th June.	Sunday, 29th June.	Monday, 30th June.	Tuesday, 1st July.	Wednesday, 2nd July.	Thursday, 3rd July.	Friday, 4th July.	Number of rainy days.	Rainfall of week.				
ORISSA	Pooree	Pooree	1'08	2'03	1'72	0'13	4	4'06	9'88	16'11	9'88	11'66	
		Khurda	0'06	2'32	2'18	0'07	0'06	0'00	6	4'78	12'80	11'38	12'55	14'08	
		Bampur	0'20	0'90	0'80	3	1'90	7'08	10'11	7'08	11'22	
		False Point	2'50	0'83	0'27	0'23	1'72	5	5'53	10'60	12'07	14'15	
		Hookitola	0'15	
	Cuttack	Jagatsingapore	2'36	2'00	1'40	8'34	
		Banki	0'06	1'23	1'46	12'57	
		Cuttack	0'10	1'25	0'48	1'11	0'05	0'30	3	1'62	7'69	10'36	12'15	
		Kendrapara	1'10	0'23	0'24	2	1'93	10'45	12'22	14'07	
		Jajpore	0'55	1'11	
	Balasore	Chandbali	0'70	0'24	0'08	3	1'02	12'57	9'18	12'57	
		Bhuddruck	0'41	0'34	2	0'75	12'57	10'17	12'57	
		Sorah	0'30	0'08	2	4'38	14'63	7'45	14'63	
		Balasore	0'60	0'18	3'60	0'18	4	4'56	22'10	9'37	22'59	
		Jelasure	0'15	0'06	2'10	3	2'31	8'54	9'00	11'08	
Bariopadah	.....	.....	0'30	0'20	0'30	.....	0'09	4	1'58	13'40	11'22	13'40	
SOUTH-WEST BENGAL.	Midnapore	Contai	0'06	0'06	0'04	0'31	0'05	5	1'42	15'67	11'62	15'92	
		Saugor Island	0'20	0'14	0'55	0'34	0'10	0'42	0'36	7	2'20	15'61	11'89	15'87	
		Tumlook	1'50	1	1'50	11'50	9'91	13'09	
		Midnapore	0'02	0'20	0'17	4'91	0'02	5	5'41	9'01	10'94	9'42	
		Ghatatal	0'10	0'04	0'36	3	0'50	6'22	12'67	7'29	
	24-Pergunnahs	Diamond Harbour.	0'81	0'46	0'41	2'08	0'19	5	3'95	10'24	11'45	16'63	
		Alipore Jail	0'21	0'18	0'10	0'65	4	1'14	13'70	11'76	14'36	
		Barrackpore	2'70	0'09	0'08	3	2'87	12'75	12'03	13'45	
		Dum-Dum	0'12	0'39	0'29	0'14	0'54	5	1'48	11'50	11'53	12'89	
		Baraset	1'58	0'35	0'38	0'64	4	2'95	12'97	11'16	13'81	
	Buseerhat	.....	.....	0'28	0'04	0'43	0'32	.....	4	1'07	13'82	11'67	15'30
	Howrah	Howrah	0'51	0'16	0'14	0'30	4	1'11	11'88	11'36	12'32	
		Mohesreka	0'14	0'05	0'45	0'03	0'09	5	0'76	10'89	10'76	12'25	
		(Oloberiah.)	
		Serampore	0'16	2'39	0'07	3	2'62	15'59	11'10	16'22	
Hooghly		.....	.....	2'09	0'08	0'21	0'07	.....	4	2'36	8'77	10'33	9'43
Hooghly	Jehanabad	.....	.....	0'45	0'10	0'09	.....	.....	3	0'64	6'09	11'52	7'48
	Burdwan	.....	.....	0'34	.....	.....	.....	.....	1	0'34	10'32	9'54	10'87
	Burdwan	.....	.....	0'05	0'22	0'11	.....	.....	3	0'38	4'71	9'93	5'48
	Cutwa	.....	.....	.....	0'15	0'40	.....	.....	2	0'55	15'10	10'36	17'77
	Raneegunge	.....	.....	0'07	0'45	1'20	0'25	.....	4	1'97	7'43	9'61	9'63
Bankoora	Bankoora	.....	.....	.....	0'06	0'52	1'19	0'09	4	1'85	10'90	11'42	12'00
	Bishenpore	.....	.....	0'99	0'37	0'94	0'19	.....	5	2'31	7'18	13'32	8'72
	Mallara	0'02	.....	.....	0'08	1'11	0'16	.....	4	2'16	4'42	12'95	5'45
	Khatra	0'81	.....	.....	.....	3'00	0'72	0'06	3	3'78	11'84	12'68	12'20
	Beerbhoom	Bh. Soory	0'08	0'32	0'31	0'13	4	0'54	6'11	12'19	7'71	
Hetampore	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11'43	.....		
Nuddea	Bongkong	.....	.....	1'40	.....	.....	1'34	.....	2	2'74	11'99	11'77	12'95
	Ranaghat	.....	.....	.....	.....	0'40	.....	.....	1	0'40	13'84	10'59	14'14
	Kishnaghat	.....	.....	.....	0'54	.....	.....	0'32	2	0'80	8'72	9'69	10'18
	Chowdanga	.....	.....	0'14	0'26	0'28	0'07	0'08	6	0'96	11'48	16'25	13'32
	Meherpore	0'13	.....	.....	0'27	0'47	.....	.....	2	0'74	10'27	11'16	11'48
Kooshtea	Kooshtea	.....	.....	.....	0'08	1'02	1'38	.....	3	2'48	11'40	12'99	16'40
	Khoolna	Satkira	0'05	0'54	0'13	1'03	1'12	0'20	6	3'67	20'83	13'76	21'86	
	Bagirhat	.....	.....	0'21	0'13	.....	0'77	.....	2	2'26	20'72	16'23	22'49
	Khoolna	.....	.....	.....	0'20	0'69	2'26	0'03	4	3'12	25'68	13'56	26'40
	Jessore	Narail	0'05	0'21	2	0'26	12'08	12'23	13'24	
Jessore	Jessore	.....	0'07	1'23	0'18	0'24	.....	4	1'72	19'10	13'82	20'97	
Jessore	Jhenidah	.....	.....	0'33	0'14	0'37	0'27	0'02	5	1'43	13'60	14'28	17'14
Jessore	Magoorah	.....	.....	0'41	0'22	0'29	0'20	0'05	5	1'17	16'29	11'97	19'56
Moorshedabad	Kandi	.....	.....	.....	.....	1'15	.....	.....	1	1'15	8'07	11'60	16'95
	Rampore Haut	.....	.....	.....	0'23	0'45	0'21	.....	3	0'89	6'92	12'67	7'81
	Berhampore	.....	.....	.....	.....	0'22	.....	.....	1	0'22	7'98	11'60	9'76
	Lalbagh	.....	.....	.....	.....	1'45	.....	.....	1	1'45	10'62	10'29	12'64
	Azimnunge	.....	.....	.....	0'09	0'31	0'18	.....	3	0'57	7'86	10'92	10'34
Jungipore	Jungipore	.....	.....	.....	0'21	0'55	0'75	.....	3	1'51	7'10	10'14	9'24
	Lalgola	.....	.....	.....	0'15	0'68	0'10	.....	3	0'93	12'15	10'45	13'20
	Chittagong	Cox's Bazar	.....	.....	0'10	1'76	3'00	5'27	1'20	5	11'33	42'01	39'02
	Chittagong	Chittagong	.....	0'05	0'48	0'17	1'82	0'27	0'18	6	2'97	28'82	26'37	
	Chittagong Hill Tracts.	Ranamatia	.....	.....	0'41	0'19	0'63	0'84	0'32	5	2'39	22'30	21'22
Backergunge	Backergunge	Agartola	.....	.....	0'32	0'17	0'40	.....	0'85	4	1'94	17'00	21'39
	Patuakhally	.....	.....	.....	.....	0'60	0'70	0'40	2'00	4	3'70	29'90	25'72
	Perozepore	.....	.....	.....	.....	.....	2'15	.....	2'74	2	4'89	28'81	18'38
	Burrisal	.....	0'21	0'08	0'11	0'65	1'80	1'40	1'47	7	5'72	26'02	18'12	
	Buola	.....	0'08	0'04	0'16	0'64	1'72	0'68	4'30	7	7'62	28'19	26'41	
Noakholly	Noakholly	Noakholly	0'10	0'11	.....	0'21	1'05	1'58	1'57	6	4'62	18'36	30'07	
	Fenny	.....	.....	.....	0'32	1'30	1'03	3'20	4	5'85	35'84	35'00	44'01
	Furreedpore	Madaripore	.....	.....	.....	.....	0'56	.....	1'25	2	1'81	14'26	13'92
	Furreedpore	Furreedpore	0'61	.....	0'02	0'17	0'34	0'03	0'94	6	1'51	14'94	15'56	
	Goalundo	.....	.....	0'15	0'59	0'36	0'39	1'12	5	3'12	14'23	13'14	17'81
Dacca	Munshigunge	.....	0'07	0'16	0'11	0'44	0'57	0'79	6	2'14	17'32	16'90	19'76	
	Dacca	.....	.....	0'34	0'17	0'18	0'50	0'35	5	2'20	13'81	14'54	18'81
	Naraingunge	.....	.....	.....	0'05	0'85	0'41	0'55	4	1'86	12'31	15'34	18'17
	Manicgunge	.....	.....	.....	0'06	2'34	.....	0'43	3	2'83	16'46	19'23	26'59
	Comilla	Comilla	.....	0'02	.....	.....	0'37	1'03	1'73	4	3'14	23'81	20'04
Mymensingh	Chandpore	.....	.....	.....	0'10	0'89	0'35	0'85	4	2'10	14'65	23'35	19'10
	Brahmunberia	.....	0'19	0'32	0'05	0'09	0'63	0'73	6	2'63	25'77	15'43	32'27	
	Kishoregunge	.....	.....	0'33	0'09	.....	.....	.....	.....	.....	29'44	25'09	25'09
	Atia	.....	.....	.....	.....	1'11	1'45	0'45	3	2'99	6'34	14'95	11'43
	Mymensingh	.....	0'03	.....	0'08	0'01	0'88	0'10	0'45	6	1'56	21'69	19'77
Jamalpore	Jamalpore	.....	.....	0'23	0'13	0'08	1'11	0'75	5	2'30	20'60	15'21	31'91
	Netrokona	0'90	0'49	0'69	0'84	4	2'74	21'46	7	28'54	

Statement of Rainfall in Bengal for the week ending Friday (6 p.m.), the 4th July 1884—concluded.

Meteorological division.	District.	Station.	RAINFALL.								TOTAL.		Total rain- fall from 1st June to 4th July 1884.	Average total rain- fall from 1st June to 4th July	Total rain- fall since 15th May 1884.	Average rainfall from 15th May to date.	
			Saturday, 28th June.	Sunday, 29th June.	Monday, 30th June.	Tuesday, 1st July.	Wednesday, 2nd July.	Thursday, 3rd July.	Friday, 4th July.	Number of rainy days.	of Rainfall week.						
NORTH BENGAL	Pubna	Pubna	.....	.....	.....	0.18	2.15	0.20	0.51	4	3.04	13.82	12.48	17.29	16.32	
		Seraingunge	.....	.....	.....	.....	0.61	1.30	0.98	3	2.89	12.33	12.07	14.61	16.41	
	Bogra	Sherpore	.....	.....	.....	1.09	0.51	0.60	0.25	4	2.36	15.67	12.96	20.04	17.90	
		Nowkhilla	.....	.....	0.04	0.25	0.22	0.42	1.60	5	2.53	17.45	13.18	21.21	16.51	
		Bogra	.....	.....	.....	0.04	0.76	0.18	0.03	4	1.03	17.17	15.03	23.15	19.00	
		Panchbibi	.....	.....	.....	.....	1.31	0.11	1.09	3	3.11	13.93	12.61	17.44	16.23	
	Rajshahye	Beaulah	0.60	.....	.....	.....	0.21	0.24	0.03	4	1.08	9.89	11.06	11.55	13.98	
		Nattore	.....	.....	.....	0.50	0.80	0.50	0.25	4	2.05	13.00	11.91	16.77	15.42	
	Nowgong	.....	.....	.....	0.20	.....	0.19	0.40	3	0.70	20.53	?	24.00	?		
	Maldah	Maldah	.....	.....	0.08	0.55	0.86	0.13	0.08	5	1.70	12.16	12.63	10.60	14.60	
		Mohadebpore	.....	.....	.....	0.18	0.28	0.03	0.65	4	1.14	12.56	16.34	15.67	19.30	
	Dinapore	Churamon	.....	.....	.....	0.15	1.05	0.25	0.23	4	1.73	17.23	13.94	21.93	15.44	
		Raigunge	.....	.....	0.02	1.77	0.33	0.61	0.20	5	2.93	13.99	16.98	19.24	19.85	
		Dinapore	.....	.....	.....	0.08	0.37	0.61	0.19	4	1.25	13.21	18.81	16.92	22.35	
		Baloorghat	.....	.....	.....	0.19	0.43	0.17	0.36	4	1.15	16.22	?	20.71	?	
	Rungpore	Bhawaniung	.....	.....	.....	.....	.....	0.30	0.51	2	0.81	9.26	16.88	16.25	21.76	
		(Gyabanda).	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
		Rungpore	.....	.....	0.03	0.32	0.04	0.05	0.19	5	0.63	16.53	21.39	20.62	26.87	
		Kurigram	.....	.....	.....	0.15	0.15	0.33	0.54	4	1.20	17.12	23.82	27.30	31.25	
	Julpigoree	Bagdogra	.....	.....	0.05	.....	0.39	1.48	0.09	4	1.92	17.97	29.39	22.27	37.86	
		(Niphmari.)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Julpigoree	Julpigoree	.....	1.42	.....	.....	0.38	0.27	0.36	.....	4	2.43	21.40	31.94	32.14	38.35	
Cooch Behar	Dinhatta	.....	.....	.....	0.18	0.35	0.19	0.21	0.90	5	1.02	23.04	29.45	41.09	40.43	
	Cooch Behar	0.06	0.12	4.30	0.30	0.25	0.85	.....	6	5.88	41.09	39.28	60.20	47.79		
	Mickligunge	.....	2.59	1.13	0.18	0.41	0.21	0.03	6	4.53	24.86	31.36	35.80	44.33		
	Matabhanga	.....	0.02	1.77	0.22	1.28	0.12	0.97	6	3.48	23.70	36.23	38.08	46.63		
Darjeeling Hill.	Buxa	2.89	4.32	0.40	0.43	1.18	0.45	1.20	7	11.84	33.34	56.33	43.54	70.05			
	Siliguri	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Darjeeling	.....	0.25	1.16	0.44	0.80	1.77	0.58	6	3.00	18.24	29.46	23.26	33.23		
	Kalimpong	.....	.....	0.60	0.32	1.25	0.85	1.47	6	6.16	?	?	?	?		
NORTH BEHAR	Purneah	Kisengunge	0.30	0.10	4.05	0.65	1.48	2.69	6	9.27	24.98	18.46	26.17	21.65	
		Arra	0.53	1.00	1.02	3.50	4	6.07	16.95	15.56	20.82	18.12	
		Purneah	0.05	0.07	0.99	2.15	4	3.26	11.32	13.55	12.72	15.46	
	North Bhagulpore.	Maddapore	.....	.....	0.08	0.11	0.21	1.31	.....	4	1.71	9.16	10.59	10.34	12.49	
		Scoopool	0.19	0.09	0.02	0.40	0.24	5	0.94	7.44	11.44	8.41	12.93	
	Durbhunga	Tajpore	.....	.....	.....	.....	0.53	0.92	0.45	3	1.90	9.17	9.67	9.17	9.08	
		Durbhunga	.....	0.68	0.09	0.34	0.03	0.24	0.16	6	0.94	7.50	10.29	8.62	11.45	
		Madhubani	.....	0.47	0.35	0.60	.....	0.24	1.66	5	3.32	9.38	10.24	9.97	11.83	
	Mozufferpore	Sitamarhi	.....	.....	0.16	.....	.....	.....	.....	1	0.16	7.15	9.76	7.24	11.10	
		Mozufferpore	.....	.....	.....	.....	0.05	0.35	0.85	3	1.25	9.39	9.62	9.39	10.65	
		Hajipore	.....	0.14	.....	.....	0.20	0.31	0.08	4	1.33	10.85	8.65	10.85	9.40	
	Chumparua	Motihari	0.11	0.63	3.95	.....	.....	.....	.....	3	4.69	10.77	8.69	10.77	10.23	
		Bettiah	.....	.....	1.30	0.55	.....	.....	1.15	3	3.00	11.35	10.27	11.35	11.90	
	Sarun	Gopalgunge	.....	.....	0.73	.....	.....	0.80	0.89	3	2.42	10.07	9.23	10.07	10.18	
		Sewan	.....	.....	.....	.....	0.03	0.17	0.13	3	0.33	4.51	9.03	4.51	10.14	
		Chuprah	.....	.....	.....	.....	0.35	0.43	.....	2	0.78	7.20	7.45	7.20	8.61	
SOUTH BEHAR	Shahabad	Buxar	.....	0.31	.....	.....	0.14	0.64	0.21	4	1.30	5.75	6.09	5.75	6.49	
		Dehree	0.55	0.24	1.08	2.86	4	4.55	5.53	?	5.53	?	
		Bhuboonah	0.05	0.79	0.40	0.95	4	1.59	2.50	6.81	3.36	7.24	
		Sasseram	.....	1.80	.....	.....	0.17	0.45	0.06	5	2.56	3.64	6.76	3.64	7.28	
		Arrah	.....	0.73	0.96	.....	.....	0.48	0.30	4	1.54	5.98	7.68	5.08	8.31	
		Gya	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Gya	Aurangabad	0.15	2.33	.....	.....	1.33	2.26	.....	4	6.07	9.06	7.10	9.06	8.03	
		Gya	.....	.....	0.09	0.05	0.17	0.38	1.33	5	2.02	4.88	8.17	5.37	9.63	
		Nowadah	.....	0.22	0.38	.....	0.58	0.18	.....	4	1.36	2.87	8.17	3.23	9.66	
		Jehanabad	0.72	.....	.....	.....	0.29	0.82	0.28	4	2.11	4.77	6.76	5.07	7.82	
	Patna	Patna	.....	0.28	.....	.....	0.47	0.10	0.55	4	1.40	9.33	9.06	9.33	10.49	
		Dinapore	.....	0.13	.....	.....	0.32	0.21	0.18	4	0.84	9.45	8.65	9.45	9.20	
		Behar	.....	.....	0.01	.....	0.06	0.29	0.62	4	0.98	3.85	9.42	3.85	10.86	
		Barrh	.....	.....	0.40	.....	0.30	0.11	1.45	4	2.26	6.45	7.91	6.45	9.11	
	Monghyr	Begoeserai	.....	.....	.....	0.63	0.83	0.34	.....	3	1.80	7.68	8.36	7.68	9.61	
		Monghyr	.....	0.19	.....	.....	0.59	0.57	0.18	4	1.44	8.54	8.63	8.64	9.91	
		Jamui	.....	.....	.....	1.12	0.69	.....	.....	2	1.81	8.10	8.10	9.35	9.44	
	South Bhagulpore.	Bhagulpore	.....	.....	.....	.....	0.18	1.15	0.24	3	1.57	14.01	8.63	14.50	10.03	
		Banka	.....	.....	.....	.....	0.45	0.29	.....	2	0.65	6.09	9.49	6.09	10.95	
	South Per-gunnahs.	Rajmehal	0.28	.....	.....	.....	0.62	1.49	1.18	4	3.57	13.44	12.53	15.09	14.36	
		Godda	.....	.....	.....	.....	0.71	0.54	.....	2	1.25	6.69	8.37	8.08	9.70	
		Pakour	.....	.....	0.28	0.21	0.21	0.30	0.46	5	1.40	9.04	13.07	12.52	13.03	
		Nya Doonka	.....	.....	.....	0.81	0.76	0.67	0.07	4	2.31	4.96	11.37	7.20	13.15	
		Deoghur	.....	.....	.....	0.15	0.39	0.79	.....	5	1.33	5.48	11.11	6.94	12.91	
		Jamitara	.....	.....	0.19	0.14	1.07	0.17	.....	4	2.47	8.66	10.35	9.07	12.17	
			
CHUTIA NAG-PUR.	Hazaribagh	Pachamba	.....	.....	0.20	0.20	0.18	0.18	0.18	5	0.94	4.89	10.05	4.89	12.65	
		Hazaribagh	0.75	0.78	0.09	.....	0.36	0.35	0.40	6	2.75	7.54	11.62	7.54	19.76	
		Semtagurh	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Lohardugga	Lohardugga	0.81	.....	.....	.....	1.50	1.02	0.45	4	3.78	8.61	?	8.61	?	
		Kanchi	0.55	.....	0.12	0.06	1.55	1.39	.....	5	3.47	10.84	10.33	10.95	11.39	
		Paimow	0.99	0.46	.....	.....	0.75	1.47	.....	4	3.08	4.92	7.73	4.92	8.51	
Singbhoom	Singbhoom	Chyebassa	.....	.....	.....	1.01	0.95	0.52	.....	3	2.48	7.91	10.06	7.91	12.27	
		Purnia	.....	.....	.....	.....	2.79	.....	.....	1	2.79	11.69	10.75	11.65	12.71	
		Gohimpore	.....	.....	.....	0.21	0.80	0.07	.....	3	1.08	3.00	9.70	3.53	.....	

Explanation.—Indicates that no rain has fallen. If the return for any day has not been received, the corresponding space is left blank. If some of the returns are wanting, the corresponding spaces in the total rainfall columns are left blank.

CALCUTTA,

**SUMMARY OF THE METEOROLOGICAL AND RAINFALL OBSERVATIONS
TAKEN IN BENGAL DURING THE WEEK ENDING THE 4TH JULY 1884.**

The meteorology of the past week has been comparatively simple in character. It was noticed in last week's report that there was a small atmospheric disturbance at or near the head of the Bay. This was apparently due to the slow advance up the Bay of stronger monsoon winds. These gave rise to squally weather and much rain in front, and drew winds round in South Bengal, and hence diminished very considerably the rainfall throughout the Province. The disturbance hung off the Bengal coast, and although very persistent, it varied to a considerable extent, showing thus some irregularity in the conditions, which prevented that regular rapid growth necessary for the formation of a considerable cyclonic disturbance. It apparently did not develop until the 30th, when a rapid fall of the barometer commenced at Saugor Island, and continued until the afternoon of the 1st. It crossed the Balasore coast on that day, and advanced northwards as far as Central Behar, but gradually filled up with its northward advance. As it progressed landwards, general rain commenced in Southern Bengal and Orissa on the 29th and 30th, and extended over the whole Province on the 1st and 2nd. From the latter date ordinary monsoon winds of strength slightly above the average have prevailed over the Province, and continue to give moderate to heavy rain, chiefly in the interior of the Province or over Behar and North Bengal.

Pressure.—Was slightly below the normal at the commencement of the week under review. No change of importance occurred until the 1st July, when a considerable fall of the barometer at Saugor Island and Balasore indicated the approach of the small disturbance to the Balasore coast. It passed inland on the evening of the 1st, and a smaller fall of the barometer to Calcutta, Burdwan, Raneeunge and Hazaribagh, and neighbouring stations on the 2nd, and a slight fall at the Central Behar stations on the 3rd indicated its northward motion into Behar, after which pressure increased rapidly over the Province. A rise of upwards of a tenth of an inch occurred over the whole Province during the 24 hours preceding 10 A.M. of the 4th, on which day pressure was for the first time during the week above the normal. The mean pressure of the week was below the normal pressure of the period by small amounts averaging .02" in Orissa, South-West Bengal and Behar, and was normal in East Bengal and Chutia Nagpur.

Temperature.—The variations of temperature depend entirely on the rainfall at present. During the past week fairly general rain was received in every part of the Province, but it was slightly below the average amount of the week. Temperature has on the whole hence been above the average by small amounts. The excess of the mean temperature of the week above the normal, however, exceeded 1° only in South Behar, where it averaged 1.1°. Maximum temperatures exceeding 100° were registered at only two stations—Buxar and Gya. The highest maximum temperatures at these stations were:

Buxar 101.9° on the 28th, and
Gya 100.2° on the 29th.

Winds.—Were light and irregular in South-West Bengal and Orissa during the early part of the week in consequence of the small disturbance in the Bay. They, however, blew steadily from south-east and east in North Bengal and Behar, so that the disturbance did not affect the general current up the Gangetic plain. With the passage inland of the disturbance moderately strong south winds were again established on the Bengal coast. Saugor Island, which registered 144 miles of wind at 10 A.M. on the 1st with north-east winds, recorded 432 miles on the 2nd, and 456 miles on the 3rd with south-west winds. A similar, but much less marked, increase occurred at all the stations in Southern Bengal. The corresponding increase was not shewn at the Behar stations until the 3rd and (more especially) the 4th.

Rainfall.—The rainfall of the past week was mainly dependent upon the small disturbance. No general rain occurred over the Province until it began to advance across the coast into the interior. Hence from the 28th of June to the 1st of July the rainfall was small in amount and local in character. Orissa received some heavy showers on the 28th and 29th. Fairly general rain fell in Orissa and the western districts of South-West Bengal on the 30th. The largest amount registered in that area was 2.7 inches at Barrackpore. Moderately heavy rain was received on that day, also in the Cooch Behar district, the station of Cooch Behar receiving 4.3 inches. On the 1st the rainfall extended over the whole of Orissa and Bengal. It was generally moderate in amount except in the area over which the disturbance passed, where some heavy rainfalls were received. Sorah in the Balasore district obtained 4.08 inches, and Balasore 3.6 inches. Rainfall ceased (except as light local showers in Orissa) on the 2nd, but extended to Behar and fell generally in larger amounts than on the 1st. Midnapore received 4.91 inches, the only amount exceeding 4 inches recorded on that day. Rain fell in smaller amounts on the 3rd in South-West Bengal, but continued to be received in moderate amounts over the remainder of Bengal and in Behar. Excluding a fall of 5.27 inches at Cox's Bazar, the amounts received nowhere exceeded three inches. The rainfall was larger in amount, but more local in character on the 4th, and occurred chiefly in the interior, or in Behar and in East and North Bengal. The largest amounts recorded on that day were 4.2 inches at Bhola in the Backergunj district and 3.5 inches at Arrareah in the Purneah district.

The rainfall of the week thus occurred over the whole Province, and in moderate amounts. Hence, although it has been uniformly distributed, it has been generally below the average rainfall of the week.

The only districts in which the rainfall was in excess were Backergunge, Purneah, Patna, Bogra, Pooree, Dacca, Chittagong and Noakholly. The excess in the Backergunge district averaged 50 per cent. of the normal amount, and in Purneah 40 per cent. In the other districts it ranged between 10 and 25 per cent.

The rainfall of the week was on the other hand very considerably below the average amount in several districts. Burdwan and Chupra received only one quarter or 25 per cent. of the normal rainfall, Rungpore 30 per cent., Moorshedabad 40 per cent., Patna 50 per cent., Bhagulpore 35 per cent., and Hazaribagh and the 24-Pergunnahs 60 per cent.

Of these districts, the Burdwan, Rungpore, and Hazaribagh districts have received rainfall considerably below the average since the commencement of the monsoon.

In the remaining districts the rainfall varied little from the normal.

The rainfall on the whole was slightly in excess in Orissa and East Bengal and below it in the remaining divisions, as is shown by the following table:—

The following table gives the summary of the temperature and rainfall data of each of the seven meteorological divisions of the Province for the week ending Friday, the 4th July 1884:—

METEOROLOGICAL DIVISIONS.	TEMPERATURE.							RAINFALL.								
	Highest observed during week.	Lowest observed during week.	Averages for week.			Average mean of week above or below normal mean of week.	Of week.			Rainy days.			Since 1st of June.		Since 15th May.	
			Of highest of each day.	Of lowest of each day.	Of mean for each day.		Average.	Normal average.	Variation.	Average number in week.	Normal average number in week.	Variation.	Average.	Normal average.	Average.	Normal average.
Orissa	97.9	76.2	88.2	79.1	83.7	+0.4	3.17	3.12	+0.05	3.6	3.7	-0.1	12.75	10.25	12.86	12.42
South-West Bengal	96.5	76.8	90.4	79.2	84.8	+0.1	1.64	2.26	-0.62	3.5	4.3	-0.8	11.72	11.62	13.12	14.42
East Bengal	91.3	71.4	87.3	77.7	82.5	-0.2	3.47	3.20	+0.27	4.6	4.7	-0.1	21.94	20.59	27.03	25.15
North Bengal	92.0	74.1	89.7	77.8	83.8	-	2.22	2.85	-0.63	4.3	4.2	+0.1	17.22	19.99	24.19	25.32
North Behar	95.6	73.3	92.1	79.2	85.6	+0.1	2.55	2.79	-0.24	3.6	3.2	+0.4	10.46	10.77	11.08	12.23
South Behar	101.9	75.3	92.5	79.6	86.0	+1.2	1.89	2.56	-0.67	3.7	3.7	0	6.95	8.81	7.61	10.04
Chutia Nagpur	89.5	71.5	85.4	74.0	79.7	+0.1	2.61	2.78	-0.17	3.9	4.8	-0.9	7.01	9.94	7.18	11.41

* Chyebassa not included

METEOROLOGICAL OFFICE, BENGAL;

The 7th July 1884.

JOHN ELIOT,

Meteorological Reporter to the Govt. of Bengal.

**Results* of the Meteorological Observations taken at the Alipore Observatory from
29th June to 5th July 1884.**

Month.	Date.	Maximum in sun.	Number of hours of bright sunshine.	Mean pressure barometer at 32 Fahr.	TEMPERATURE.				HYGROMETRY.				WIND.		Rain	WEATHER.
					Mean.	Maximum.	Range.	Minimum.	Mean wet bulb.	Vapour tension.	Dew point.	Humidity.	Prevailing direction.	Miles recorded.		
1884.		☉		Inches.	☉	☉	☉	☉	☉	Inches	☉	%			Inches	
June	29th	153.7	10.2	29.463	85.8	91.8	12.3	79.5	81.3	1.008	79.5	82	SSE and E	93	0.20	Chiefly cloudy, o, g, d, p, t. <
"	30th	158.9	4.8	.477	84.2	89.8	10.1	79.7	80.9	1.010	79.5	86	SE by E and SE	90	Not measureable.	Chiefly cloudy, o, g, t, d.
July	1st	153.7	3.3	.426	82.8	87.1	7.5	79.6	79.7	0.976	78.5	87	SE by E and ESE	177	0.23	Chiefly cloudy, o, d, p.
"	2nd	127.0	Nil	.447	82.3	85.0	6.6	73.4	79.2	.955	77.8	87	S and SSW	132	0.12	Cloudy, o, g, d, p.
"	3rd	96.5	"	.516	80.1	83.5	6.5	77.0	77.8	.942	77.4	91	S and S by W	85	0.60	Chiefly cloudy, o, g, p.
"	4th	146.0	0.5	.598	82.8	87.3	8.1	79.2	80.3	1.004	79.3	89	S by W and S by E	101	Nil	Cloudy, o.
"	5th	147.6	2.6	.638	83.1	86.8	6.8	80.0	80.2	0.992	79.0	87	S and SSW	145	0.53	Chiefly cloudy, o, g, p, t.

The mean pressure of the seven days	...	Inches.	29.509
The average pressure of the corresponding period for 24 years, S. G.'s Office	...	...	29.539
The total number of hours of bright sunshine	...	Hours.	21.4
The maximum possible number of hours of sunshine	...	...	94.2
The mean temperature of the seven days	...	☉	83.0
The average temperature of the corresponding period for 24 years, S. G.'s Office	...	...	83.5
The extreme variation of temperature	...	...	14.8
The maximum temperature	...	...	91.8
The highest velocity of the wind in one hour	...	Miles.	16
The highest pressure of the wind on one square foot	...	Lbs.	Not measureable
The mean relative humidity	...	%	87
The average relative humidity of the corresponding period for 24 years, S. G.'s Office	...	...	85
The total fall of rain from 29th June to 5th July 1884	...	Inches.	1.68
The average fall of the corresponding period for 24 years, S. G.'s Office	...	...	3.59
The total fall from 1st January to 5th July 1884	...	...	20.81
The average fall of the corresponding period for 24 years, S. G.'s Office	...	...	24.05
The mean pressure, temperature, &c., are deduced from the traces of the Barograph and Thermograph, and from observations made at 6h, 10h, 16h, and 22h.			

The maximum and minimum temperatures are obtained from self-registering thermometers. All the thermometers are verified, and the readings have been corrected to a standard constructed and verified at the Kew Observatory. They are exposed under a thatched shed open at the sides, and are suspended four feet above the ground.

The barometer readings are corrected approximately to those of the standard Newman's No. 86 formerly at the Surveyor-General's Office.

The hygrometric elements are obtained from Tables III, IV, and V of the official tables computed in the Meteorological Office, and based on Regnault's modifications of August's formula.

The direction of the movement of the wind are taken from the trace of a Beckley's anemograph.

The mouth of the rain-gauge is one foot above the ground.

o overcast, g gloomy, d drizzling rain, t thunder, p passing temporary showers, < lightning.

JOHN ELIOT,

METEOROLOGICAL OFFICE, INDIA,
Calcutta the 7th July 1884.

For Meteorological Reporter to the Government of India.

**Abstract of the results of Meteorological Observations taken at the Alipore
Observatory in the month of June 1884.**

	Inches.	Date.	Hour.
The mean pressure of the month	29.547		
The average pressure of 24 years' registers	29.549		
The highest pressure in the month	29.762	3rd	10h.
The lowest pressure in the month	29.431	29th	16h.
The range of pressure	0.331		
	Hours.		
The total number of hours of bright sunshine during the month	153.5		
The maximum possible number of hours of sunshine	403.4		
The mean temperature of the month	83.3		
The average temperature of June from 24 years' registers	85.0		
The highest temperature in the month	94.5	5th	
The lowest temperature in the month	70.2	3rd & 6th	
The range of temperature during the month	24.3		
The mean daily range of temperature	13.6		
The greatest range of temperature in one day	22.5	6th	
	Per cent.		
The mean humidity of the month	84		
The average humidity of June from 24 years' registers	81		
	Inches.		
The mean vapour tension during the month	0.953		
The average vapour tension of June from 7 years' registers	0.998		
The mean cloud proportion of the month	6.27		
The average cloud proportion of June from 7 years' registers	7.26		
The total rainfall of the month	11.72		
The total rainfall indicated by a Beckley's self-registering rain-gauge (mouth of the gauge 50.5 feet above the ground)	11.27		
The average fall of June from 48 years' registers	12.08		
The greatest fall in 24 hours	1.93	5th	
	Days.		
The number of rainy days in the month	19		
The average number of rainy days in June from 24 years' registers	19		
The mean maximum equilibrium temperature of solar radiation during the month	145.9		
The mean difference of sun and air temperature	55.6		
The greatest sun temperature	158.9	30th	
The greatest excess of sun over air temperature	69.2	20th	
The mean temperature of nocturnal radiation thermometer on woollen cloth	72.8		
The mean depression of the nocturnal radiation thermometer below the minimum air temperature at 4 feet above the ground	4.0		
The greatest depression of the nocturnal radiation thermometer below the minimum air temperature	5.6	25th	
	Miles.		
The mean movement of the wind per day	74.3		
The greatest movement of the wind in one day	160.0	1st	
The greatest movement of the wind in one hour	20.0	6th	7 to 8 P.M.
The number of hours under each of the 8 points—			

N. 3, NE. 18, E. 109, SE. 138, S. 175, SW. 107, W. 14, NW. 2, Calm 154.

The results of observations at the Alipore Observatory are not rigorously comparable with the registers of past years (at the Park-street Observatory). The barometer is about 3 feet higher at Alipore, and, other things being equal, reads therefore .003 lower. The diurnal range of temperature is also greater at Alipore, and the mean temperature apparently about 0.5° greater; and finally, the thermometer, which has furnished the record of temperature at the Surveyor-General's Office during the last 20 years and upwards, is found to read 0.6 higher than the Kew standard thermometer, which is the standard of reference at the present Observatory.

N. B.—In the monthly abstract for May last read 5.66 inches instead of 5.74 inches as the total rainfall indicated by Beckley's self-registering rain-gauge.

**Results of the Thermometrical Observations taken at the Meteorological Office,
Chowringhee, from 29th June to 5th July 1884.**

MONTH.	Date.	TEMPERATURE.				Mean wet bulb.	HYGROMETRY.			Rain.
		Mean.	Maximum.	Range.	Minimum.		Vapour tension.	Dew point.	Humidity.	
1884.		°	°	°	°	°	Inches.	°	%	Inchs.
June	29th	86.5	92.7	12.6	80.1	81.1	1.003	79.3	81	Nil.
"	30th	83.4	91.0	10.4	80.6	80.8	1.018	79.7	84	0.25
July	1st	81.0	88.0	9.2	78.8	78.7	.952	77.7	90	0.10
"	2nd	80.7	85.0	6.2	78.8	78.7	.956	77.9	91	0.17
"	3rd	78.3	83.0	5.9	77.1	77.4	.929	77.1	98	0.83
"	4th	80.2	88.1	10.3	77.8	79.4	.995	79.1	97	.....
"	5th	81.8	87.8	7.5	80.3	80.4	1.020	79.8	94	0.54

The mean temperature of the seven days ... 81.6

The extreme variation of temperature ... 15.6

The maximum temperature ... 92.7

The mean relative humidity ... 91

The total fall of rain from 29th June to 5th July 1884 ... 1.69

The mean temperature and humidity are obtained by applying to the mean of the 10h, 16h, and minimum readings a correction dependent on the range, and derived from the hourly observations at the Surveyor-General's Office, Chowringhee, in past years.

METEOROLOGICAL OFFICE, INDIA,

Calcutta, the 7th July 1884.

JOHN ELIOT,

For Meteorological Reporter to the Govt. of India.

**Abstract of the results of the Thermometric Observations taken at the Meteorological
Office, Chowringhee, in the month of June 1884.**

	°	Date.
The mean temperature during the month	82.1	
The highest temperature during the month	95.3	5th
The lowest temperature during the month	70.6	3rd
The range of temperature during the month	24.7	
The mean daily range of temperature during the month	14.1	
The greatest range of temperature in one day during the month	22.2	6th
The mean humidity during the month	88	
The mean vapour tension during the month	9.70	
The total rainfall of the month	13.32	
The greatest fall in 24 hours	3.33	6th
The number of rainy days in the month	18	

JOHN ELIOT,

For Meteorological Reporter to the Govt. of India.

METEOROLOGICAL OFFICE, INDIA,

The 7th July 1884.

MEMORANDA.

DURING the week ending 21st June 1884, births and deaths were recorded in the first class Municipalities in Bengal at the rates, respectively, of 18.2 and 25.4 per 1,000 of population, against 16.5 and 27.1 per 1,000, respectively, during the preceding week ending 14th June, indicating an improvement in the registration of births against a falling off in that of deaths.

2. These events were returned in the highest proportions from the following Municipalities:—

<i>Births.</i>			<i>Deaths.</i>		
		Ratio per mille.			Ratio per mille.
Beauleah ...	...	49.9	Bhagulpore ...	...	67.0
Bhagulpore ...	...	34.4	Gya ...	...	41.7
			Burdwan ...	...	30.5
			Kishnaghur ...	...	28.4

3. Referring to the principal death-causes exhibited in the table appended to this memoranda, cholera is stated to have caused the deaths of 2.9 per 1,000 of the population of the Municipalities under notice, against 4.0 per 1,000 in the preceding week ending 14th June; small-pox 1.5 against 1.8 per 1,000; fever 10.7 against 9.7 per 1,000; bowel-complaints 3.4 against 3.8 per 1,000; injury .4 against .5 per 1,000; and "other causes" 6.5 against 7.3 per 1,000. These figures indicate that there was a diminution of mortality from every cause excepting fever, notably from cholera.

4. Excluding injury the casualties from which were high nowhere, the rest of the diseases proved most fatal to life in the following Municipalities:—

<i>Cholera.</i>	<i>Small-pox.</i>	<i>Fever.</i>	<i>Bowel-complaints.</i>	<i>Other causes.</i>
Ratio per mille.	Ratio per mille.	Ratio per mille.	Ratio per mille.	Ratio per mille.
Bhagulpore 12.7	Bhagulpore 7.2	Burdwan 24.4	Bhagulpore 13.6	Gya 15.7
Naraingunge 12.4	Dacca ... 6.5	Comillah 23.1		Bhagulpore 15.4
Chittagong 7.0	Patna ... 2.3	Purneah 20.8		Poori 10.7
Durbhanga 6.3				Dacca 10.4
Suburbs of Calcutta... 5.8				
Howrah ... 2.5				

5. Under the heads of *Sex*, *Class* and *Age* the mortality stands as follows:—

<i>According to Sex.</i>		<i>According to Class.</i>		<i>According to Age.</i>	
	Ratio per mille.		Ratio per mille.		Ratio per mille.
Males ...	25.2	Christians ...	26.1	Under 1 year ...	248.7
Females ...	25.8	Hindus ...	25.6	1 and under 5 years ...	50.3
Ratio of male deaths to every 100 female deaths ...	110	Mahomedans ...	25.1	5 and under 10 " ...	13.5
		Budhists ...	24.2	10 and under 15 " ...	10.4
				15 and under 20 " ...	20.4
				20 and under 30 " ...	14.6
				30 and under 40 " ...	15.9
				40 and under 50 " ...	16.2
				50 and under 60 " ...	16.4
				60 years and upwards ...	47.8

R. LIDDERDALE, M.D., *Deputy Surgeon-General,*
Sanitary Commissioner for Bengal.

The 7th July 1884.

Statement showing the Results of the Registration of Births and Deaths in the First Class Municipalities in Bengal during the week ending 21st June 1884.

DISTRICTS.		NAMES OF MUNICIPALITIES.		POPULATION.			BIRTHS.				MORTALITY ACCORDING TO—										Sex.															
				NUMBER OF—			RATIO PER 1,000 OF POPULATION PER ANNUM.			RATIO OF MALE BIRTHS TO EVERY 100 FEMALE BIRTHS.			DEATHS FROM—						RATIO PER 1,000 OF POPULATION PER ANNUM.				DEATHS.		RATIO PER 1,000 OF POPULATION PER ANNUM.		Ratio of male deaths to every 100 female deaths.									
				Total.			Total.			Total.			Total.			Total.			Total.			Total.			Total.			Total.		Total.		Total.				
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* A special census of the Europeans in the Darjiling Municipality was recently taken, as the census of this section of the community taken in February 1881 was not reliable, owing to the Europeans being at a minimum in that month. The number of the natives remains more, as it was not necessary to re-census them. The ratios have consequently been calculated on the revised population under all heads in the above table, except "Age," the ratios under which have been omitted, inasmuch as the census of the Europeans above alluded cannot be employed as a basis of calculation owing to their results of the census under "Age" head not having been recorded under the authorized form of 259 classification.

		13		14		15		16												
		MORTALITY ACCORDING TO—																		
		Class.				Age.														
DISTRICTS.		NAMES OF MUNICIPALITIES.		DEATHS AMONG—				RATIO PER 1,000 OF POPULATION PER ANNUM.				DEATHS.				RATIO PER 1,000 OF POPULATION PER ANNUM.				
				Christians.	Mahomedans.	Buddhists.	Other classes.	Christians.	Mahomedans.	Buddhists.	Other classes.	Under 1 year.	1 and under 5 years.	5 and under 10 years.	10 and under 15 years.	15 and under 20 years.	20 and under 30 years.	30 and under 40 years.	40 and under 50 years.	50 and under 60 years.	60 years and up-wards.
Burdwan	Burdwan	12	8	...	...	253	405	...	...	4	2	...	...	...	...	...	...	...	...	351
Midnapur	Midnapur	15	2	...	...	301	144	...	...	1	2	...	...	...	...	...	...	...	...	121
Bugli	Hughli and Chinsurah	6	1	...	...	99	76	...	...	1	...	...	...	...	...	...	...	...	...	217
Serampore	Serampore	6	...	...	...	165	...	...	...	...	1	...	...	...	...	...	...	...	...	718
Howrah	Howrah	23	6	...	...	195	...	...	...	...	...	...	...	...	...	...	...	...	...	2336
24-Pargannas	Suburbs of Calcutta	28	43	...	...	257	288	...	...	12	2	...	...	...	...	...	...	...	...	86
Nudda	Kishinagar	1	1	...	...	917	251	...	...	3	2	...	...	...	...	...	...	...	...	403
	Ranaghat	...	...	...	...	71	381	...	...	...	...	...	...	...	...	...	...	...	...	331
	Santipore	5	4	...	...	126	233	...	...	2	2	...	...	...	...	...	...	...	...	...
Jessore	Jessore	...	1	...	...	...	136	...	...	...	...	...	...	...	...	...	...	...	...	...
Rajshahye	Rampore Beaulah	2	2	...	...	105	106	...	...	3	1	...	...	...	...	...	...	...	...	...
Darjiling	Darjiling	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dacca	Dacca	17	23	...	...	219	304	...	...	13	6	...	...	...	...	...	...	...	...	...
	Narainganj	4	1	...	...	329	84	...	...	1	...	...	...	...	...	...	...	...	...	...
Chittagong	Chittagong	...	5	1	...	1396	170	2187	...	2	...	...	...	...	...	...	...	...	...	...
Tipperah	Comillah	2	5	...	...	175	265	...	...	1	3	...	...	...	...	...	...	...	...	...
Patna	Patna City	55	19	...	...	240	242	...	...	20	15	...	...	...	...	...	...	...	...	...
Gya	Gya	44	17	...	...	351	550	...	...	16	12	...	...	...	...	...	...	...	...	...
Shahabad	Arrah	14	2	...	...	222	84	...	...	2	7	...	...	...	...	...	...	...	...	...
Moulterpore	Moulterpore	13	6	...	...	225	250	...	...	5	3	...	...	...	...	...	...	...	...	...
Durbhanga	Durbhanga	1	23	...	...	4502	247	...	...	6	5	...	...	...	...	...	...	...	...	...
Saran	Chopra	21	4	...	...	206	122	...	...	2	5	...	...	...	...	...	...	...	...	...
Bhagulpore	Bhagulpore	53	19	...	...	719	573	...	...	21	21	...	...	...	...	...	...	...	...	...
Mouhry	Mouhry	25	2	...	...	291	83	...	...	3	3	...	...	...	...	...	...	...	...	...
Purneah	Purneah	2	5	...	...	113	459	...	...	...	...	...	...	...	...	...	...	...	...	...
Foot	Foot	10	...	...	...	216	...	...	...	3	1	...	...	...	...	...	...	...	...	...
	Total	6	431	189	1	261	251	212	...	145	166	34	23	39	76	79	50	50	162	164

R. LIDDERDALE, M.D., Deputy Surgeon-General,
Sanitary Commissioner for Bengal.

OFFICE OF SANITARY COMMISSIONER FOR BENGAL,
The 7th July 1884.

PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH, BENGAL.

Statement showing the total amount of Traffic and Tolls on the Circular Canal at the Chitpur Toll Station for the month of May 1884.

Number of boats.	NATURE OF CARGO.	APPROXIMATE		TONNAGE OF BOATS.		Tollage.
		Weight of cargo.	Value of cargo.	Maunds.	Tons.	
	LOCAL TRAFFIC.	Mds.	Rs.			Rs. A. P.
144	Coal ...	94,505	35,438	1,81,350	6,476	765 7 0
1	Ghooting ...	200	110	450	16	3 15 0
7	Bricks ...	11,750	129	3,000	107	11 4 0
17	Earthenware ...	2,100	1,050	5,900	210	22 12 0
1	Lime ...	200	160	450	16	3 15 0
3	Firewood ...	500	110	1,275	45	4 12 6
2	Iron ...	730	2,115	1,400	50	12 4 0
5	Rice ...	250	750	2,775	99	10 6 6
2	Mustard-seed ...	400	1,500	875	31	5 6 6
1	Vegetables ...	65	130	175	6	1 8 6
2	Tobacco ...	500	3,500	1,075	38	9 6 6
221	Salt ...	91,851	2,75,553	1,84,550	6,591	1,614 15 0
3	Bones ...	470	382	1,650	58	6 3 0
409	Total ...	2,03,521	3,20,927	3,84,925	13,743	2,472 3 6
340	Total of same month last year.	1,73,500	1,68,825	2,91,400	10,406	1,792 4 0
	MISCELLANEOUS.					
597	Empty, passenger, fish, planks, soorkee, &c., &c., &c.	40,750	1,63,000	5,35,800	19,135	2,267 6 0
55	Boats under 25 maunds	.....	.....	.....	.....	13 12 0
.....	Demurrage ..	.....	.....	.....	.....	64 0 6
652	Total ...	40,750	1,63,000	5,35,800	19,135	2,345 2 6
424	Total of same month last year.	65,000	65,000	3,34,275	11,939	1,328 5 9
1,061	Grand Total ...	2,44,271	4,83,927	9,20,725	32,878	4,817 6 0
764	Grand total of same month last year.	2,38,500	2,33,825	6,25,675	22,345	3,120 9 9

MEMORANDUM.

Rs. A. P.

Unrecovered balance on the 1st of the month	...	...	...	213 5 0
Amount of tollage for the month	...	...	...	4,817 6 0
			Total	5,030 11 0
Amount credited in the accounts for the month	...	...	...	4,881 9 6
Balance at the end of the month	...	...	...	149 1 6

PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH, BENGAL.

Statement showing the total amount of Traffic and Tolls on the Circular Canal at the Dhappa Toll Station for the month of May 1884.

Number of boats.	NATURE OF CARGO.	APPROXIMATE		TONNAGE OF BOATS.		Tollage.
		Weight of cargo.	Value of cargo.	Maunds.	Tons.	
	LOCAL TRAFFIC.	Mds.	Rs.			Rs. A. P.
2	Coal	500	187	1,050	37	9 3 0
14	Earthenware	640	320	1,925	68	16 13 6
40	Lime	45,400	36,320	85,700	3,060	767 6 0
343	Firewood	1,90,800	41,866	3,60,050	12,858	2,700 6 0
4	Iron	596	1,937	1,350	48	6 0 9
6	Brass	287	8,670	1,075	38	9 6 6
1	Cotton	50	500	125	4	1 1 6
58	Jute	48,791	2,07,361	1,07,300	3,832	938 14 0
9	Mats	1,700	5,640	5,250	187	45 15 0
2	Paddy	500	1,000	1,200	78	10 8 0
362	Rice	1,54,126	4,62,378	3,50,025	12,500	3,062 11 6
3	Wheat	500	1,750	1,050	37	9 3 0
127	Gram	41,284	82,568	1,40,250	5,008	807 3 0
128	Linseed	51,915	2,07,660	1,08,575	3,881	950 0 6
27	Mustard-seed	14,125	52,969	31,025	1,108	271 7 6
1	Til	300	825	700	25	6 2 0
38	Other oils	20,540	92,430	56,175	2,006	241 6 3
18	Oil-cake	5,125	6,406	13,250	473	115 15 0
107	Fruits	4,298	8,596	13,275	474	116 2 6
3	Vegetables	650	1,300	1,425	50	12 7 6
2	Tobacco	1,400	9,800	3,000	107	26 4 0
59	Spices	18,310	1,83,100	36,275	1,295	317 6 6
37	Grass for cattle	1,230	6,150	22,900	817	200 6 0
24	Straw	416	1,664	7,225	258	63 3 6
67	Betelnuts	13,839	1,10,712	31,650	1,130	276 15 0
26	Sugar, refined	4,146	51,813	7,025	250	61 7 6
34	Jaggery	11,465	57,325	23,025	822	201 7 6
33	Salt	7,687	23,061	20,400	728	89 4 0
1	Saggi	100	800	250	8	2 3 0
7	Hides	2,250	4,500	525	18	4 9 6
7	Bones	810	658	1,275	45	18 2 6
28	Dry fish	800	9,600	5,050	180	44 3 0
1,618	Total	6,44,080	16,79,806	14,39,375	51,430	11,403 13 0
1,646	Total of same month last year.	5,94,210	12,78,306	11,41,900	40,782	9,584 0 6
	MISCELLANEOUS.					
1,327	Empty, passenger, fish, onion, fowls, honey, betel, ghee, wooden pipe, golpatta, planks, tamarind, &c.	1,03,200	4,12,800	3,63,075	12,966	3,176 15 6
280	Boats under 25 maunds	.....	.....	.....	.....	70 0 0
.....	Demurrage	.....	.....	.....	.....	533 0 6
1,607	Total	1,03,200	4,12,800	3,63,075	12,966	3,780 0 0
2,332	Total of same month last year.	2,25,000	10,50,000	4,81,650	17,202	4,750 15 9
3,225	Grand Total	7,47,280	20,92,606	18,02,450	64,396	15,183 13 0
3,978	Grand total of same month last year.	8,19,210	23,28,306	16,23,550	57,984	14,335 0 3

MEMORANDUM.

	Rs. A. P.
Unrecovered balance on the 1st of the month	431 2 0
Amount of tollage for the month	15,183 13 0
Total	15,614 15 0
Amount credited in the accounts for the month	15,138 9 6
Balance at the end of the month	476 5 6

PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH, BENGAL.

Statement showing the total amount of Traffic and Tolls on the Tolly's Nullah, for the month of May 1884.

Number of boats.	NATURE OF CARGO.	APPROXIMATE		TONNAGE OF BOATS.		Tollage.
		Weight of cargo.	Value of cargo.	Maunds.	Tons.	
	LOCAL TRAFFIC.	Mds.	Rs.			Rs. A. P.
55	Coal ...	22,975	8,515	53,800	1,921	208 4 0
2	Roadstone ...	900	171	2,175	77	19 0 6
113	Bricks ...	2,83,200	3,115	30,775	1,106	115 6 6
7	Tiles ...	10,400	832	3,775	134	14 2 6
171	Earthenware ...	6,650	3,325	34,000	1,213	128 2 0
9	Sand ...	4,200	1,344	11,725	418	43 15 6
100	Firewood ...	2,305	506	50,400	1,799	377 13 3
2	Iron ...	200	650	775	26	4 11 3
5	Cotton ...	200	2,000	2,675	94	22 1 6
1	Jute ...	50	212	100	3	0 14 0
173	Paddy ...	25,850	51,700	53,400	1,906	429 0 0
386	Rice ...	71,150	2,13,450	1,53,350	5,475	1,028 13 0
66	Gram ...	20,272	40,544	45,125	1,610	393 12 0
1	Linseed ...	300	1,200	600	21	5 4 0
14	Mustard seed ...	5,630	21,112	13,825	492	77 13 0
39	Other oils ...	2,890	13,005	13,000	464	57 10 3
3	Oil-cake ...	88	110	375	13	2 8 3
63	Fruits ...	2,255	4,510	9,575	341	35 14 6
77	Vegetables ...	7,260	14,520	22,475	801	87 13 0
13	Tobacco ...	2,065	14,455	6,800	242	27 0 0
2	Spices ...	150	1,500	500	17	4 6 0
15	Grass for cattle ...	312	1,560	8,625	307	35 11 6
1	Do. for thatching ...	6	24	125	4	1 1 6
147	Straw ...	1,260	5,040	20,800	741	140 1 6
2	Sugar, refined ...	125	1,562	275	8	2 7 0
91	Jaggery ...	12,430	62,150	29,400	1,049	188 1 9
132	Salt ...	27,150	81,450	83,775	2,991	519 7 9
1,690	Total ...	5,10,273	5,48,562	6,52,225	23,273	3,971 4 0
2,466	Total of same month last year.	3,88,526	5,72,130	8,84,900	26,952	4,850 13 0
	MISCELLANEOUS.					
1,381	Golpatta, passenger, empty, fish, planks, soorkee, cheera, shells, &c. ...	72,810	2,91,240	3,44,100	12,288	2,034 11 3
54	Boats under 25 maunds	.....	.....	.....	.....	13 8 0
.....	Demurrage ...	.....	.....	.....	.....	121 14 0
1,435	Total ...	72,810	2,91,240	3,44,100	12,288	2,170 1 3
1,594	Total of same month last year.	2,38,379	8,38,270	4,77,745	17,061	2,547 5 9
3,125	Grand Total ...	5,83,083	8,39,802	9,96,325	35,561	6,141 5 3
4,060	Grand Total of same month last year.	6,26,905	14,10,400	13,62,625	44,013	7,398 2 9

MEMORANDUM.

	Rs.	A.	P.
Unrecovered balance on the 1st of the month	277	6	9
Amount of tollage for the month	6,141	5	3
Total	6,418	12	0
Amount credited in the accounts for the month	6,247	13	6
Balance at the end of the month	170	14	6

ABSTRACT FOR THE MONTH OF MAY 1884.

	TRAFFIC, 1884-85.		TRAFFIC, 1883-84.	
	During the month.	To end of the month.	During the corresponding month.	To end of the corresponding month.
CIRCULAR CANALS.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Circular Canal at Chitpur toll-station.	4,817 6 0	10,263 9 3	3,120 9 9	8,512 3 0
Ditto at Dhappa toll-station ...	15,183 13 0	31,726 15 3	14,335 0 3	32,278 5 9
Total ...	20,001 3 0	41,990 8 6	17,455 10 0	40,790 8 9
TOLLY'S NULLAH ...	6,141 5 3	12,862 6 9	7,398 2 9	16,917 9 3
GRAND TOTAL ...	26,142 8 3	54,852 15 3	24,853 12 9	57,708 2 0

CALCUTTA;
The 7th July 1884. }

G. F. E. S. NEILL, Major, M.S.C.,

Under-Secy. to the Govt. of Bengal.

PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH, BENGAL.

NUDDEA RIVERS.

Statement showing the total amount of Traffic and Tolls on the Jellinghee River for the month of May 1884.

Number of boats.	NATURE OF CARGO.	APPROXIMATE		TONNAGE OF BOATS.		Tollage.		
		Weight of cargo.	Value of cargo.	Maunds.	Tons.			
	LOCAL TRAFFIC.	Mds.	Rs.			Rs.	A.	P.
52	Paddy ...	10,100	15,150	20,175	720	151	5	0
62	Rice ...	6,525	17,943	12,850	458	96	6	0
105	Wheat ...	30,975	61,950	59,300	2,117	444	12	0
15	Gram ...	3,475	5,212	6,600	235	49	8	0
63	Pulses and other crops	17,525	35,050	32,400	1,157	243	0	0
1	Jaggery ...	40	120	175	6	1	12	0
3	Sugar ...	125	1,250	350	12	3	8	0
38	Salt ...	8,575	23,581	16,625	593	166	4	0
1	Jute ...	80	320	200	7	2	0	0
1	Hides ...	125	1,250	325	11	3	4	0
2	Linseed ...	675	2,025	1,575	56	11	13	0
3	Mustard seed ...	800	2,800	1,500	53	11	4	0
3	Ghooting lime ...	2,725	2,725	5,400	192	27	0	0
7	Ghooting ...	850	242	1,650	58	4	2	0
10	Unwrought timber and piles, 7 + 176½	...	...	...	...	35	11	6
45	Miscellaneous ...	8,050	32,400	15,950	569	159	8	0
1	Coal and coke ...	200	100	400	14	2	0	0
412	Total ...	90,845	2,02,088	1,75,475	6,258	1,413	1	6
507	Total of same month last year ...	87,821	2,63,735	1,83,800	6,555	1,663	0	0
	MISCELLANEOUS.							
446	Passenger boat ...	.....	.....	.....	.....	161	4	0
203	Empty " ...	.....	.....	1,64,825	5,886	206	0	6
1	Oil-cake ...	40	40	75	2	0	12	0
650	Total ...	40	40	1,64,900	5,888	368	0	6
604	Total of same month last year ...	200	1,550	1,73,675	6,201	357	12	0
1,062	Grand Total ...	90,885	2,02,128	3,40,375	12,146	1,781	2	0
1,111	Grand Total of same month last year ...	88,021	2,65,285	3,57,475	12,756	2,020	12	0

MEMORANDUM.

	Rs.	A.	P.
Unrecovered balance on the 1st of the month ...	...	...	...
Amount of tollage for the month ...	...	...	...
Amount credited in the accounts for the month ...	...	...	...
Balance at the end of the month ...	...	...	...
Total	1,781	2	0
	1,781	2	0

N.B.—In the statement for May 1883, empty boat and oil cake were shewn under "Local traffic," and rafts of timber under "Miscellaneous."

PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH, BENGAL.

NUDDEA RIVERS.

Statement showing the total amount of Traffic and Tolls on the Matabhanga River for the month of May 1884.

Number of boats.	NATURE OF CARGO.	APPROXIMATE		TONNAGE OF BOATS.		Tollage.
		Weight of cargo.	Value of cargo.	Maunds.	Tons.	
		Mds	Rs.			Rs. A. P.
LOCAL TRAFFIC.						
1	Earthenware ...	15	15	200	7	0 4 0
2	Lime ...	900	990	1,800	66	9 0 0
1	Firewood ...	445	83	125	4	0 10 0
3	Iron ...	180	900	500	18	5 0 0
5	Mats ...	505	1,237	1,375	50	13 12 0
96	Raddy ...	17,385	21,731	34,975	1,295	262 5 0
5	Rice ...	850	2,337	1,450	53	10 14 0
17	Wheat ...	6,805	15,311	10,475	387	78 9 0
35	Gram ...	13,122	22,963	24,600	911	184 8 0
23	Other cereals ...	10,091	15,136	13,725	508	102 15 0
15	Linseed ...	3,900	14,625	9,800	362	73 8 0
1	Mustard-seed ...	500	2,000	1,300	48	9 12 0
2	Other oil-seed ...	103	309	975	36	7 5 0
3	Other oils ...	21	273	1,350	50	13 8 0
15	Oil-cake ...	2,791	2,791	6,575	243	65 12 0
94	Fruits ...	5,635	11,270	11,750	435	88 2 0
6	Vegetables ...	201	201	575	21	4 5 0
2	Tobacco ...	37	148	575	21	5 12 0
10	Turmeric ...	814	4,884	4,425	163	44 4 0
3	Sugar, unrefined ...	120	960	700	25	7 0 0
8	Jaggery ...	440	2,200	1,800	66	18 0 0
22	Salt ...	4,745	14,235	10,825	400	108 4 0
2	Bones ...	200	50	425	15	4 4 0
34	Miscellaneous ...	2,672	26,720	11,375	421	113 12 0
216	Empty boats ...	...	.....	.....	.....	174 1 6
621	Total ...	72,477	1,61,279	1,51,675	5,605	1,405 6 6
340	Total of same month last year.	37,241	86,839	79,475	2,931	776 1 6
MISCELLANEOUS.						
164	Passenger boats ...	.....	.....	.....	.....	55 4 0
164	Total ...	.....	.....	.....	.....	55 4 0
246	Total of same month last year.	310	640	.....	.....	115 0 0
785	Grand Total ...	72,477	1,61,279	1,51,675	5,605	1,460 10 6
586	Grand Total of same month last year.	37,551	87,479	79,475	2,931	891 1 6

MEMORANDUM.

	Rs. A. P.
Unrecovered balance on the 1st of the month	39 0 10
Amount of tollage for the month	1,400 10 6
Total	1,439 11 4
Amount credited in the accounts for the month	1,446 11 4
Balance at the end of the month	53 0 0

The balance shown above was the amount remaining to be paid into treasury.

PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH, BENGAL.

NUDDEA RIVERS.

Statement showing the total amount of Traffic and Tolls on the Bagiruthee River at Nuddea Toll Station for the month of May 1884.

Number of boats.	NATURE OF CARGO.	APPROXIMATE		TONNAGE OF BOATS.		Tollage.
		Weight of cargo.	Value of cargo.	Maunds.	Tons.	
		Mds.	Rs.			Rs. A P.
LOCAL TRAFFIC.						
5	Rice ...	340	935	700	25	5 4 0
13	Wheat ...	6,425	12,850	12,000	428	90 0 0
3	Gram ...	1,625	2,437	3,260	114	24 0 0
11	Pulses and other crops	3,950	7,900	7,800	278	58 8 0
3	Fruits and vegetables	150	225	325	11	2 7 0
3	Sugar ...	140	1,400	300	10	3 0 0
7	Salt ...	975	2,681	1,825	65	18 4 0
7	Brass ...	775	31,006	2,000	71	20 0 0
2	Silk ...	100	1,400	350	12	3 8 0
2	Hides ...	150	1,500	350	12	3 8 0
1	Mustard seed ...	75	262	175	6	1 5 0
1	Ghooting lime ...	1,000	1,000	1,800	64	9 0 0
3	Bone ...	200	50	425	15	2 2 0
27	Miscellaneous ...	3,375	27,000	6,575	234	65 12 0
2	Coal and coke ...	500	250	950	33	4 12 0
90	Total ...	19,780	90,890	38,775	1,378	311 6 0
72	Total of same month last year ...	19,165	86,103	39,225	1,395	332 1 6
MISCELLANEOUS.						
309	Passenger boat ...	.....	.....	.....	.....	98 12 0
27	Empty do. ...	.....	.....	23,575	841	29 7 6
336	Total ...	.....	.....	23,575	841	128 3 6
322	Total of same month last year ...	10	10	12,075	430	112 1 0
426	Grand Total ...	19,780	90,890	62,350	2,219	439 9 6
394	Grand Total of same month last year ...	19,175	86,113	51,300	1,825	444 2 6

MEMORANDUM.

	Rs. A P.
Unrecovered balance on the 1st of the month ...	.....
Amount of tollage for the month ...	439 9 6
Total ...	439 9 6
Amount credited in the accounts for the month ...	439 9 6
Balance at the end of the month ...	.....

N.B.—In the statement for May 1883, empty boat was shown under "Local traffic."

PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH, BENGAL.

NUDDEA RIVERS.

Statement showing the total amount of Traffic and Tolls on the Bagiruthee River at Jungypore Toll Station for the month of May 1884.

Number of boats.	NATURE OF CARGO.	APPROXIMATE		TONNAGE OF BOATS.		Tollage.
		Weight of cargo.	Value of cargo.	Maunds.	Tons.	
	LOCAL TRAFFIC.	Mds.	Rs.			Rs. A. P.
	Nil.					
	Total ...	.....	.....	.....	.....	...
10	Total of same month last year.	133	.....	400	.....	3 6 0
	MISCELLANEOUS.					
47	Passenger boat, 52 oars	.....	.....	.....	.....	13 0 0
3	Empty boat ...	.....	.....	550	20	0 11 0
14	Miscellaneous (mixed cargoes).	123	2,281	550	20	5 4 0
64	Total ...	123	2,281	1,100	40	18 15 0
36	Total of same month last year.	53	.....	850	.....	10 9 6
64	Grand Total ...	123	2,281	1,100	40	18 15 0
46	Grand Total of same month last year.	186	.....	1,250	.....	13 15 6

MEMORANDUM.

		Rs. A. P.
Unrecovered balance on the 1st of the month	...	...
Amount of tollage for the month	...	18 15 0
Total	...	18 15 0
Amount credited in the accounts for the month	...	18 15 0
Balance at the end of the month	...	.....

ABSTRACT FOR THE MONTH OF MAY 1884.

	TRAFFIC, 1884-85.		TRAFFIC, 1883-84.	
	During the month.	To end of the month.	During the corresponding month.	To end of the corresponding month.
NUDDEA RIVERS.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Jellinghee river ...	1,781 2 0	3,490 13 9	2,020 12 0	5,377 15 6
Matabhanga river ...	1,460 10 6	3,552 6 6	891 1 6	2,554 8 0
Bagiruthee river at Nuddea toll-station ...	439 9 6	918 7 0	444 2 6	910 15 0
Ditto at Jungypore toll-station ...	18 15 0	32 0 0	13 15 6	33 0 0
Total ...	3,700 5 0	7,993 11 3	3,369 15 6	8,876 6 6

CALCUTTA,
The 8th July 1884.

G. F. E. S. NEILL, Major, M.S.C.,
Under-Secretary to the Govt. of Bengal.

EAST INDIAN RAILWAY.

Statement of Goods Traffic in staples carried during the four weeks ending 24th May 1884,
as compared with the same period of 1883.

STAPLES.	1884.		1883.		Increase.		Decrease.	
	Weight.	Freight.	Weight.	Freight.	Weight.	Freight.	Weight.	Freight.
	Mds.	Rs.	Mds.	Rs.	Mds.	Rs.	Mds.	Rs.
ANIMALS, LIVING								
Horses, ponies, and mules	No. 84	819	No. 22	195	No. 62	624	No. 21	220
Cattle	" 44	524	" 65	744	"	"	"	"
Sheep and goats	" 1,216	732	" 1,507	982	"	"	No. 291	250
Other kinds	" 4	358	"	"	No. 4	858	"	"
BORAX	407	119	650	377	"	"	243	258
CANES AND RATTANS	223	381	213	379	10	2	"	"
CAOUTCHOU (INDIAN-RUBBER)	9	22	15	37	"	"	6	15
CHINESE AND JAPANESE WARE	10	15	26	26	"	"	15	11
COAL AND COKE, UP	4,03,063	2,00,680	5,37,692	2,65,564	"	"	44,629	4,884
Ditto, DOWN	12,91,753	1,88,748	13,38,646	1,90,343	"	"	46,893	1,595
COTTON, RAW	31,398	34,353	60,518	64,193	"	"	29,130	29,840
COTTON MANUFACTURED	7,267	10,914	6,389	9,054	978	1,860	"	"
Twist and yarn (European)	6,460	3,361	5,857	3,534	183	"	"	173
Ditto (Indian)	1,46,386	1,78,816	1,65,464	1,87,347	"	"	19,078	8,537
Piece-goods (European)	22,308	14,196	19,891	13,190	2,417	2,081	"	"
Ditto (Indian)	41	29	184	104	"	"	143	75
DRUGS AND MEDICINES	1,967	1,811	2,247	1,911	"	"	280	100
Assafoetida	1,197	1,191	1,067	1,045	130	146	"	"
Other sorts not intoxicating	"	"	"	"	"	"	"	"
Intoxicating drugs (other than opium, i.e., arsenic, bang, ganja, and churus, &c.)	"	"	"	"	"	"	"	"
DYING MATERIALS	416	414	279	168	137	246	"	"
Indigo	449	90	314	94	135	5	"	"
Madder or manjit	2,954	1,856	3,175	1,038	"	818	341	"
Safflower	18,695	20,911	12,949	5,062	5,746	15,249	"	"
Turmeric	9,490	6,740	9,941	6,474	449	266	"	"
Other kinds	997	2,279	944	2,272	53	27	"	"
EARTHENWARE AND PORCELAIN	1,216	990	8,280	1,968	"	"	7,064	978
FIBROUS PRODUCTS	91,824	60,435	1,31,851	1,05,691	"	"	40,027	45,219
Do., manufactured (gunny bags and cloths)	"	"	"	"	"	"	"	"
Other fibres, raw	1,667	327	944	231	123	96	"	"
Ditto, manufactured	2,715	948	1,560	700	1,155	248	"	"
FRUITS & NUTS	1,656	3,654	1,407	3,638	"	16	331	"
Cocoanuts	22,338	19,980	25,862	23,013	"	"	3,524	3,033
All other kinds	8,76,024	3,32,394	19,37,000	8,99,232	"	"	11,10,976	5,66,828
GRAIN & PULSES	2,49,435	64,621	1,47,805	41,849	1,05,630	12,772	"	"
Wheat	3,34,890	89,832	3,38,617	86,715	"	"	3,177	"
Gram and pulses	22,021	6,221	7,322	1,741	14,699	4,480	"	"
Rice, husked	2,33,989	42,443	1,62,050	29,978	71,932	13,465	"	"
Do., unhusked	2,880	1,538	2,561	1,090	319	448	"	"
Other rain and spring crops	42,538	22,414	35,676	18,922	6,668	3,492	"	"
GUMS AND RESINS	7,125	5,691	10,271	8,445	"	"	3,146	2,754
Hides of cattle	"	"	"	"	"	"	"	"
Skins of sheep, goats, and small animals	"	"	"	"	"	"	"	"
HORNS	1,659	838	1,050	450	609	388	"	"
LAC	9,588	8,367	12,309	11,628	"	"	2,721	3,261
Do, shell	17,193	7,196	17,479	6,994	"	202	277	"
Do, stick and other kinds	1,336	2,624	1,384	2,494	53	130	"	"
LEATHER	2,046	2,728	2,236	3,033	"	"	180	305
Do, manufactured	18,290	18,486	19,418	14,773	7,872	3,713	"	"
LIQUORS	373	260	288	206	85	54	"	"
MATS	28,072	30,199	24,508	24,840	3,564	5,359	"	"
METALS AND MANUFACTURES OF	76,727	65,230	60,027	45,010	16,700	20,220	"	"
Brass and copper	8,465	4,887	6,943	4,972	"	"	478	85
Iron	15,288	13,363	11,482	11,714	3,866	"	"	"
Other metals	52,169	43,060	34,664	26,629	17,505	16,431	"	"
OILS	3,266	4,175	3,356	4,289	"	"	90	114
Opium	18,150	14,018	19,696	23,467	"	"	1,546	8,549
PAINTS AND COLOURS	3,512	4,055	3,828	4,507	"	"	316	452
PROVISIONS	3,89,637	12,138	2,19,807	4,652	1,69,830	7,486	"	"
Ghee	2,09,837	1,89,298	1,39,690	1,00,129	1,80,147	89,169	"	"
Other kinds	6,37,775	1,79,174	4,69,535	1,26,340	1,68,240	52,834	"	"
RAILWAY MATERIALS, Construction Account	60,992	28,767	49,398	23,216	11,764	5,841	"	"
Ditto ditto, Foreign	27,220	8,025	21,403	6,492	5,815	1,533	"	"
SALT	6,37,340	2,33,915	4,89,193	1,65,245	1,43,047	65,607	"	"
SALTPETRE, &c.	5,64,912	2,22,282	6,32,185	2,57,932	42,727	"	"	"
Saltpetre	24,795	11,025	34,237	13,407	"	"	5,442	2,382
Other saline substances	2,20,237	80,844	1,22,152	38,630	98,085	42,214	"	"
SEEDS	5,536	1,254	3,862	783	1,474	501	"	"
Oil-seeds	"	"	"	"	"	"	"	"
Mustard and rape	"	"	"	"	"	"	"	"
Til or sinjelly	"	"	"	"	"	"	"	"
Other oilseeds	"	"	"	"	"	"	"	"
OTHER SEEDS	55,961	27,409	56,198	27,685	"	"	247	279
Indigo seed	1,692	2,336	1,507	2,108	95	228	"	"
Tea seed	"	"	"	"	"	"	"	"
Other kinds	"	"	"	"	"	"	"	"
SILK	440	421	645	659	"	"	265	258
Do., manufactured (European)	13,147	10,801	14,796	11,989	"	"	1,649	1,138
Do., ditto (Indian)	50,760	7,040	79,201	12,155	"	"	28,441	5,093
SPICES	2,15,431	56,752	2,76,820	86,995	"	"	61,389	30,123
Sugar, refined	51,386	9,032	1,35,039	29,550	"	"	83,653	20,518
Do., unrefined	1,773	3,845	1,870	2,309	"	1,536	97	"
TEA	910	205	759	200	151	5	"	"
Do., Foreign	86,189	46,068	78,876	44,785	7,313	1,383	"	"
TOBACCO	22,886	4,168	27,409	4,485	"	"	4,523	320
Timber	50,065	3,636	26,434	2,290	23,631	1,436	"	"
Firewood	1,653	1,425	1,473	1,272	210	154	"	"
WOOD	"	"	"	"	"	"	"	"
Do., raw	"	"	"	"	"	"	"	"
Do., manufactured (European)	"	"	"	"	"	"	"	"
Do., ditto (Indian)	742	423	647	497	95	"	"	69
WOOL	"	"	"	"	"	"	"	"
Wool, manufactured (Indian)	"	"	"	"	"	"	"	"
SHAWLS	"	"	"	"	"	"	"	"
ALL OTHER ARTICLES OF MERCHANDISE	2,23,550	1,37,562	2,18,601	1,31,862	5,588	5,760	"	"
Government stores	21,483	38,018	17,032	29,717	4,451	8,301	"	"
MINERALS	1,37,600	17,989	1,18,338	25,490	19,163	"	"	7,501
Total	79,04,660	28,62,105	83,97,668	32,61,374	10,97,779	3,91,610	15,00,787	7,99,879

*General remarks on the fluctuation of principal staples carried over East Indian Railway
during four weeks ended 24th May 1884.*

INCREASES.

Salt.—This increase is due to improved demand.

Railway Materials, Foreign.—Active development and extension of the State Railway system accounts for this increase.

Seeds.—The net increase in the seeds of all kinds amounted to maunds 2,84,644 and Rs. 60,071:—There was a fair demand for linseed and other oil-seeds, but in rape seed an increase in weight was covered by a decrease in receipts owing to the traffic having been obtained from stations nearer Calcutta than last year.

Other rain and spring crops.—This small increase is attributable to demand in Bengal.

Iron.—Improved demand for railway material and better markets caused the slight increase in this staple.

Opium.—This is attributable to a larger quantity having been despatched to Calcutta than during May 1883.

Saltpetre.—The demand for this staple was fairly good.

Turneric.—Due to ordinary fluctuation of traffic.

DECREASES.

Wheat.—This heavy decrease was owing to want of demand in English and Continental markets, and large stocks being held, the traffic has not improved since the last report.

Cotton.—The decrease in this staple is attributable to want of stock in the market.

Piece-goods.—This decrease is accounted for by depression of business generally owing to the stringency of the money market in Calcutta.

Coal.—The slight decrease in freight is due to despatches to Foreign Railways having temporarily ceased, and to want of demand for steamers and local consumption in Calcutta.

Jute (Gunny).—This decrease is incidental to the decline in the wheat traffic.

Sugar.—Partial failure of last seasons crop accounts for this decrease.

N. ST. LEGER CARTER, *Traffic Manager.*

TRAFFIC MANAGER'S OFFICE, JAMALPUR, 7th July 1884.

Weekly Return of Traffic Receipts on Indian Railways.

EAST INDIAN RAILWAY.

Approximate Return of Traffic for last nine days of June 1884 on 1,509½ miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TOTAL TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	302,036	3,08,395 4 0	26,67,029 0	6,19,936 7 10	23,008 7 4	9,51,340 3 2	79,519½	122,550	202,069½
Or per mile of railway ...	.....	204 4 10	.....	410 11 0	15 3 11	630 3 9	.....	.....	.....
For previous 24 weeks of half-year ...	5,504,728	64,00,511 8 7	6,53,11,750 20	1,67,51,432 6 4	4,11,988 12 4	9,35,63,062 11 3	1,563,756½	3,058,006½	4,622,362
Total for 26 weeks ...	5,806,764	67,08,906 12 7	6,79,78,779 20	1,73,71,388 14 2	4,34,967 3 8	2,45,15,292 14 5	1,643,275½	3,181,156½	4,824,431½
COMPARISON.									
Total for corresponding week of previous year ...	213,770½	2,26,082 12 2	28,44,726 10	9,05,599 6 6	53,126 11 9	11,85,108 14 5	61,066½	187,838	248,924½
Per mile of railway corresponding week of previous year ...	.....	149 13 2	.....	600 5 8	35 3 4	785 5 9	.....	.....	.....
Total to corresponding date of previous year ...	5,626,907	63,18,933 2 3	7,12,61,569 30	1,92,79,603 12 2	5,65,932 1 3	2,61,64,528 15 8	1,710,692½	3,701,982	5,412,674

Approximate Statement of gross receipts of the East Indian Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR WEEK ENDING 30TH JUNE 1883.			RECEIPTS FOR LAST NINE DAYS OF JUNE 1884.			TOTAL RECEIPTS FROM 1ST APRIL TO 30TH JUNE 1883.			TOTAL RECEIPTS FROM 1ST APRIL TO 30TH JUNE 1884.			Total increase in 1884.	Total decrease in 1884.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	Rs.
1,509	11,85,109	785	1,509½	9,51,340	630	1,509	1,41,14,597	9,354	1,509½	1,16,27,568	7,703	.....	24,87,029

PATNA AND GYA STATE RAILWAY.

Approximate Return of Traffic for week ended 21st June 1884 on 57½ miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TOTAL TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	9,336	5,052 2 0	40,783 30	3,165 13 0	61 9 0	8,270 8 0	1,708½	1,069½	2,778
Or per mile of railway ...	163	88 5 2	713 0	55 5 6	1 1 3	144 11 11	.....	.....	.....
For previous 24 weeks of half-year ...	*274,597	*1,40,241 9 5	*10,64,905 20	*76,416 4 3	*1,815 15 0	*2,18,473 12 8	41,265½	19,100½	60,456
Total for 25 weeks ...	283,923	1,45,293 11 5	11,05,779 10	79,582 1 3	1,877 8 0	2,26,753 4 8	42,974	20,200	63,234
COMPARISON.									
Total for corresponding week of previous year ...	9,811½	4,246 15 11	42,575 10	2,718 7 0	43 9 0	7,608 15 11	1,711	683	2,394
Per mile of railway corresponding week of previous year ...	172	74 4 0	744 20	47 8 5	0 12 2	122 8 7	.....	.....	.....
Total to corresponding date of previous year ...	312,553	1,61,012 12 10	8,91,105 0	77,507 6 3	2,436 7 6	2,40,956 10 7	44,138	16,196	60,334

* Deduct number of passengers 1,122 and added Rs. 160 0 0 on account of differences between the Approximate and Audited Returns to week ended 24th May 1884.
 † Added maunds 31,218-10 and " 856 13 0 ditto ditto ditto to ditto.
 ‡ Deduct " 188 2 0 ditto ditto ditto to ditto.

Approximate Statement of gross receipts of the Patna and Gya State Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR WEEK ENDING 23RD JUNE 1883.			RECEIPTS FOR WEEK ENDING 21ST JUNE 1884.			TOTAL RECEIPTS FROM 1ST APRIL TO 23RD JUNE 1883.			TOTAL RECEIPTS FROM 1ST APRIL TO 21ST JUNE 1884.			Total increase in 1884.	Total decrease in 1884.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	Rs.
57½	7,009	123	57½	8,250	145	57½	1,11,505	1,950	57½	1,02,703	1,796	.....	8,802

PATNA AND GYA STATE RAILWAY.

Approximate Return of Traffic for last 9 days of June 1884, on 57½ miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TOTAL TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	11,586	5,890 1 0	63,648 0	4,859 7 0	54 3 0	10,793 11 0	2,199	1,961	4,160
Or per mile of railway ...	203	102 12 9	1,112 30	84 15 4	0 15 2	188 11 3	.....	.....	.....
For previous 24 weeks of half-year ...	289,923	1,45,293 11 5	11,05,779 10	79,583 1 3	1,877 8 0	2,26,753 4 8	42,974	20,269	63,243
Total for 26 weeks ...	295,509	1,51,173 12 5	11,69,427 10	84,441 8 3	1,931 11 0	2,27,546 15 8	45,173	22,161	67,334
COMPARISON.									
Total for corresponding week of previous year ...	8,394	3,853 0 2	57,765 30	3,857 9 0	508 10 0	8,219 3 2	1,697	925	2,622
Per mile of railway corresponding week of previous year ...	147	67 5 9	1,010 0	67 7 1	8 14 3	143 11 1	.....	.....	.....
Total to corresponding date of previous year ...	320,947	1,64,865 13 0	9,48,870 30	81,364 15 3	2,945 1 6	2,49,175 13 9	45,835	17,121	62,956

Approximate Statement of gross receipts of the Patna and Gya State Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR WEEK ENDING 30TH JUNE 1883.			RECEIPTS FOR LAST 9 DAYS OF JUNE 1884.			TOTAL RECEIPTS FROM 1ST APRIL TO 30TH JUNE 1883.			TOTAL RECEIPTS FROM 1ST APRIL TO 30TH JUNE 1884.			Total increase in 1884.	Total decrease in 1884.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Rs.	Rs.
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	Rs.
57½	8,219	144	57½	10,794	189	57½	1,19,724	2,603	57½	1,13,407	1,984	.....	6,227

GHAZIPUR-DILDARNAGAR STATE RAILWAY.

Approximate Return of Traffic for week ended 21st June 1884, on 12 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated.)	Total earnings.	TOTAL TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	2,926	507 5 0	13,925 30	327 3 0	123 6 0	957 14 0	93	236	329
Or per mile of railway ...	.....	42 4 5	.....	27 4 3	10 4 6	79 13 2	.....	.....	.....
For previous 24 weeks of half-year ...	65,462*	11,465 6 2*	4,77,332 20†	14,611 5 0†	1,476 3 3‡	27,552 14 5	3,452‡	4,473‡	7,925
Total for 25 weeks ...	68,388	11,973 11 2	4,91,268 10	14,938 8 0	1,599 9 3	28,510 12 8	3,545‡	4,709‡	8,255
COMPARISON.									
Total for corresponding week of previous year ...	2,819‡	466 11 8	15,444 20	368 19 0	54 1 0	889 6 8	183	146	329
Per mile of railway corresponding week of previous year ...	.....	38 14 4	.....	30 11 6	4 8 1	74 1 11	.....	.....	.....
Total to corresponding date of previous year ...	63,812	11,165 0 11	8,27,318 10	17,169 0 0	1,318 7 6	29,592 8 5	3,465	5,596	9,061

* Added number of passengers 33, and Rs. 59 0 0 on account of differences between the approximate and audited returns to week ended 24th May 1884.

† Added maunds 12,145 20 and " 791 6 0 on account of ditto ditto to ditto.

‡ Added " 398 9 0 on account of ditto ditto to ditto.

Approximate Statement of gross receipts of the Ghazipur-Dildarnagar State Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR WEEK ENDING 23RD JUNE 1883.			RECEIPTS FOR WEEK ENDING 21ST JUNE 1884.			TOTAL RECEIPTS FROM 1ST APRIL TO 23RD JUNE 1883.			TOTAL RECEIPTS FROM 1ST APRIL TO 21ST JUNE 1884.			Total increase in 1884.	Total decrease in 1884.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Rs.	Rs.
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	Rs.
12	889	74	12	958	80	12	14,750	1,250	12	16,821	1,402	2,062	.....

GHAZIPUR-DILDARNAGAR STATE RAILWAY.

Approximate Return of Traffic for last 9 days of June 1884, on 12 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TOTAL TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the year ...	3,871	708 12 0	11,197 20	265 13 0	136 10 9	1,111 3 9	140	283	423
Or per mile of railway ...	.....	59 1 0	.....	22 2 5	11 6 3	92 9 8	.....	.....	.....
For previous 24 weeks of half-year ...	68,388	11,972 11 2	4,91,288 10	14,938 8 0	1,599 9 3	28,510 12 5	3,546½	4,700½	8,255
Total for 26 weeks ...	72,259	12,681 7 2	5,02,485 30	15,204 5 0	1,736 4 0	29,622 0 2	3,686½	4,992½	8,678
COMPARISON.									
Total for corresponding week of previous year ...	2,490	442 2 7	9,677 20	189 7 0	140 2 0	771 11 7	205½	451½	657½
Per mile of railway corresponding week of previous year ...	.....	56 13 7	.....	15 12 7	11 16 30	64 5 0	.....	.....	.....
Total to corresponding date of previous year ...	66,302	11,607 3 6	8,36,995 30	17,298 7 0	1,458 9 6	30,364 4 0	3,670½	6,047½	9,718½

Approximate Statement of gross receipts of the Ghazipur-Dildarnagar State Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR WEEK ENDING 30TH JUNE 1883.			RECEIPTS FOR LAST 9 DAYS OF JUNE 1884.			TOTAL RECEIPTS FROM 1ST APRIL TO 30TH JUNE 1883.			TOTAL RECEIPTS FROM 1ST APRIL TO 30TH JUNE 1884.			Total increase in 1884.	Total decrease in 1884.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	Rs.
12	772	64	12	1,111	93	12	15,531	1,294	12	17,932	1,494	2,401	.....

SINDIA STATE RAILWAY.

Approximate Return of Traffic for week ended 21st June 1884, on 74½ open miles.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TOTAL TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	4,833	4,225 9 0	54,931 0	3,198 0 3	96 15 0	7,520 8 3	637½	1,121½	1,759½
Or per mile of railway ...	.....	56 11 6	.....	42 14 10	1 4 10	100 15 2	.....	.....	.....
For previous 24 weeks of half-year ...	*118,413½	*1,00,169 4 9	*14,23,091 20	*82,631 10 0	*2,679 4 0	*1,85,480 2 9	12,555½	28,128	40,683½
Total for 25 weeks ...	123,246½	1,04,394 13 9	14,78,622 20	85,829 10 3	2,776 3 0	1,93,000 11 0	13,193½	29,249½	42,443½
COMPARISON.									
Total for corresponding week of previous year ...	4,307	3,313 6 3	46,357 20	3,596 6 0	108 3 0	7,017 15 3	409	836	1,245
Per mile of railway corresponding week of previous year ...	.....	44 7 7	.....	48 4 5	1 7 3	94 3 3	.....	.....	.....
Total to corresponding date of previous year ...	121,704½	96,347 1 11	14,29,390 0	65,324 3 0	4,270 6 0	1,65,941 10 11	14,770	23,727	38,497

* Added number of passengers 214 and Rs. 274 on account of differences between the approximate and audited returns to week ended 24th May 1884.

† Deducted Mds. 8,113-20 and Rs. 329-7 on account of ditto ditto ditto ditto ditto.

‡ Deducted Rs. 207-4 on account of ditto ditto ditto ditto ditto.

Approximate Statement of gross receipts of the Sindia State Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR WEEK ENDING 23RD JUNE 1883.			RECEIPTS FOR WEEK ENDING 21ST JUNE 1884.			TOTAL RECEIPTS FROM 1ST APRIL TO 23RD JUNE 1883.			TOTAL RECEIPTS FROM 1ST APRIL TO 21ST JUNE 1884.			Total increase in 1884.	Total decrease in 1884.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	Rs.
74½	7,018	94	74½	7,621	101	74½	78,981	1,060	74½	90,028	1,208	11,047	.....

SINDIA STATE RAILWAY.

Approximate Return of Traffic for last 9 days of June 1884, on 74½ miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TOTAL TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	6,525	5,279 5 0	62,130 10	2,913 1 2	115 9 0	8,307 15 2	841½	1,265	2,106½
Or per mile of railway ...	.....	70 13 10	.....	39 1 7	1 8 10	111 8 3	.....	.....	.....
For previous 24½ weeks of half-year ...	123,246½	1,04,394 13 9	14,78,622 20	85,829 10 3	2,776 3 0	1,93,000 11 0	13,193½	20,240½	42,448½
Total for 26 weeks ...	129,771½	1,09,674 2 9	15,40,752 30	88,742 11 5	2,891 12 0	2,01,308 10 2	14,035	30,514½	44,549½
COMPARISON.									
Total for corresponding week of previous year ...	4,225	3,489 1 2	36,482 10	1,938 13 0	212 6 3	5,640 4 5	1,053	1,066	2,119
Per mile of railway corresponding week of previous year ...	.....	46 13 4	.....	26 0 5	2 13 7	75 11 7	.....	.....	.....
Total to corresponding date of previous year ...	125,929½	99,836 3 1	14,65,872 10	67,263 0 0	4,482 12 3	1,71,581 15 4	15,823	24,793	40,616

Approximate Statement of gross receipts of the Sindia State Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR WEEK ENDING 30TH JUNE 1883.			RECEIPTS FOR LAST 9 DAYS OF JUNE 1884.			TOTAL RECEIPTS FROM 1ST APRIL TO 30TH JUNE 1883.			TOTAL RECEIPTS FROM 1ST APRIL TO 30TH JUNE 1884.			Total increase in 1884.	Total decrease in 1884.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	
74½	5,640	76	74½	8,308	112	74½	84,621	1,136	74½	98,336	1,320	13,715	.....



APPENDIX TO
The Calcutta Gazette.

WEDNESDAY, JULY 9, 1884.

FIRST QUARTER.

BENGAL LIBRARY CATALOGUE OF BOOKS

FOR THE

First Quarter ending 31st March 1884.

CATALOGUE OF BOOKS for the First

1	2	3	4	5	6	7
Number	Title (to be translated into English when the title-page is not in that language).	Language in which the book is written.	Name of author, translator, or editor of the book, or any part of it	Subject.	Place of printing and place of publication.	Name or firm of printer, and name or firm of publisher.
	LANGUAGE.					UNI-LING
	<i>The following work is designed for educational purposes.</i>					ARABIC
5	Furte Nizam Abjudee. Alphabetical Primer.	Arabic...	Hakim Syud Ahmud Hossein.	Language	Lithographed and published at Patna.	Lithographed by Khajeh Mohammad Khaliluddin, and published by Syud Ahmud Hossein.
	ART.					BENGALI
	<i>The following works are designed for educational purposes.</i>					
2730	Jami-káli. Measurement of Land.	Bengali	Náráyan Náth	Art	Printed and published at the Dacca Girish Press.	Printed by Maula Buksh, and published by Náráyan Náth.
2731	Parimiti. The Elements of Mensuration.	ditto	Nrisinha Chandra Mukharji.	ditto	Printed and published at 8, Dixon's Lane, Calcutta.	Printed and published by Bihárilál Chakrabarti.
2732	BIOGRAPHY. Maháparusha Charit. The Lives of Great Men. Part II.	ditto	Girish Chandra Sen.	Biography	Printed and published at 6, College Square, Calcutta.	Printed and published by Ramsarbasya Bhattacharya.
2733	Sákyamuni Charita. The Life of Sákyamuni. Part III.	ditto	Aghornáth Gupta.	ditto	ditto ditto	ditto ditto
	DRAMA.					
2734	Sadhabár Ekádasi. The Fast of the Married Lady.	ditto	Dinabandhu Mitra.	ditto	Printed at 33, Bechu Chatterji's Street, and published at 3, Madan Mitra's Lane, Calcutta.	Printed by G. C. Basu & Co., and published by Cháru Chandra Mitra.
2735	Bijaya Basanta. The Story of Bijaya and Basanta.	ditto	Akshaya Kumar De.	ditto	Printed at 17, Brindában Basák's Street, and published at 115, Chitpur Road, Calcutta.	Printed by Fakir Chánd Dás, and published by Biswambhar Láhá.
2736	Sábitri-Satyabán Náta. A Drama describing the Story of Sábitri and Satyabán.	ditto	Kedárnáth Gánguli.	ditto	Printed at 116, Grey Street, and published at 326, Upper Chitpur Road, Calcutta.	Printed by Ambika Charan Chatterji, and published by Nader Chánd Sil.
2737	Gobardhan (A Name)	ditto	.....	ditto	Printed and published at Pubna.	Printed and published by Sashibhusan Maulik.
2738	Biráte Pándaba. The Pandabas in Birát.	ditto	Nabadwipa Chandra Dás.	ditto	Printed at 221, Cornwallis Street: place of publication not given.	Printed by Matilál Mandal, and published by Nabadwipa Chandra Dás.
2739	Ami to Unmádimi Náta. Drama entitled, I am a Mad Woman.	ditto	Srináth Chaudhuri.	ditto	Printed and published at 37, Mechuabazar Street, Calcutta.	Printed by Sarach Chandra Deb, and published by Gurudás Chatterji.

LIBRARY.

3

Quarter ending 31st March 1884.

8	9	10	11	12	13	14	15	16	17
Date of issue from the press or place of publication.	Number of sheets, leaves, or pages.	Size.	First, second, or other edition.	Number of copies of which the edition consists.	Printed or lithographed.	Price at which the book is sold to the public.	Name and residence of proprietor of copyright, or any portion of it.	REMARKS.	Number.
UAL BOOKS.						Rs. A. P.			
BOOK.									
1884. Jan., 7th	Pages. 16	4to	... 1st ...	1,000	Litho- graphed.	0 2 0	Hakim Syud Ah- mud Hossein, Patna.	Explains by means of a diagram consisting of a human head how the different letters of the Arabic alphabet are pronounced, showing especially the parts of the mouth, &c., which are concerned in the pronunciation of the different letters.	5
BOOKS.									
1884. Jan., 5th	Pages. 24	12mo	... 1st ...	1,000	Printed	0 2 0	Nārāyan Nāth, Sayadbandā.	Describes the system of land measurement obtaining in Cachar and the adjacent districts. The work is designed for use in pathshalas.	2730
1883. Dec., 25th	255	12mo	... 4th ...	3,000	ditto	0 10 0	Nrisinha Chandra Mukharji, Cal- cutta.	.....	2731
1884. Jan., 6th	52	8vo	... 1st ...	500	ditto	0 6 0	Girish Chandra Sen, 6, College Square, Calcut- ta.	This volume contains a memoir of Moses, compiled from the Bible and certain Musulman works.	2732
" 8th	57	12mo	... 1st ...	500	ditto	0 6 0	Brahmo Samaj of India Mission Office, 6, Col- lege Square, Calcutta.	In this part are collected some of the moral precepts of Buddha, and a brief history of Buddhism is given in an introductory chapter.	2733
" 9th	94	12mo	... 4th ...	1,000	ditto	1 0 0	Chārṇ Chandra Mitra and others, 3, Ma- dan Mitra's Lane, Calcutta.	A well-known farce directed against the vices of Young Bengal.	2734
" 14th	95	12mo	... 2nd ...	1,300	ditto	0 1 0	Biswambhar Lāhā, 332, Chit- pur Road, Cal- cutta.	Often noticed	2735
" 2nd	71	12mo	... 5th ...	2,000	ditto	0 0 0	.....	Relates the celebrated story of Sabitri, the chaste and devoted Hindu wife, who rescued her dead husband from the hands of Yama, the King of the Dead.	2736
1883. Dec., 7th	24	.....	1st ...	1,000	ditto	0 1 6	.....	This work is directed against the Rajah of Hill Tipperah, being written in connection with the caste question, which has thrown the Hindu community of Dacca, Vikrampur, and other places into a ferment, and divided it into two bitterly hostile parties.	2737
1884. Jan., 21st	53	8vo	... 1st ...	500	ditto	0 8 0	Nabadwipa Chandra Dās, Bogra.	Relates the story of the secret residence of the five Pandaba brothers and their wife Draupadi in the Court of King Birāt.	2738
" 6th	66	8vo	... 2nd ...	2,000	ditto	0 6 0	Gurndās Chatter- ji, Calcutta.	Relates the story of a girl who runs mad under the ill-treatment of her husband. Her madness, however, brings her husband to his senses, and he gives up all his illicit connections. The work seems written with the view of warning men against the danger and folly of conjugal infidelity and sensual intemperance.	2739

CATALOGUE OF BOOKS for the First

1	2	3	4	5	6	7
Number.	Title (to be translated into English when the title-page is not in that language).	Language in which the book is written.	Name of author, translator, or editor of the book, or any part of it.	Subject.	Place of printing and place of publication.	Name or firm of printer, and name or firm of publisher.
						BENGALI
	DRAMA—continued.					
2740	Amrite Garal. Poison in Nectar.	Bengali	Dibákanta Ráya.	Drama	Printed and published at the Budhodaya Press, Hughli.	Printed and published by Káshináth Bhattachárya.
2741	Mána-Bhikshá. The Begging of Mána.	ditto	Mathuránáth Chatterji.	ditto	Printed and published at 13, Rámnáráyan Bhattachárya's Lane, Calcutta.	Printed by Amritalál Mukharji, and published by Mathuránáth Chatterji.
2742	Bhárat Ekjibhisan. The Indian Exhibition. Part I.	ditto	Sashibhusan Sányál.	ditto	ditto ditto	Printed by Amritalál Mukharji, and published by Sashibhusan Sányál.
2743	Sádáibhála ...	ditto	Haridás Banerji.	ditto	Printed at 127, Musjidbári Street, and published at 7, Wellesly Place, Calcutta.	Printed by Nilámbar Bidyáratna, and published by Umesh Chandra Majumdár.
	FICTION.					
2744	Gul-a-Bakáwáli. The Story of the Flower and the Fairy Bakawali. (T.)	ditto	Translated by Bijaya Náth Mukharji.	Fiction	Printed at the Town Press, and published at 333, Upper Chitpur Road, Calcutta.	Printed by Jogendranáth Basu, and published by Kánáilál Sil.
2745	Guptalipi. Secret Story. No. 4. (T.)	ditto	Surendralál Shom.	ditto	Printed and published at 127, Musjidbári Street, Calcutta.	Printed and published by Nilámbar Bidyáratna.
2746	Landan Rahasya. Mysteries of the Court of London. Vol. I. No. 1. (T.)	ditto	.....	ditto	Printed at 65, Cross Street, and published at 373-1, Upper Chitpur Road, Calcutta.	Printed by Durgá Prasád Misra, and published by Samjiban Mukharji.
2747	Ahláde Jantu. The Merry Donkey. Vol. I.	ditto	Jadunáth Mukharji.	ditto	Printed at 84, Rájballabh's Street, and published at 13, Kristodas Pal's Lane, Calcutta.	Printed by Nabakumár and published by G. arji. and pu
2748	Udásini Rájkanyár Gupta Kathá. The Secret Story of the Princess who renounced the world. Vol. III. Wábitri. Drama de. No. 1. of Sábiurn.	ditto	.....	ditto	Printed at the Tálá Mukharji Press, and published at 115, published at 2, Tálá Bagán Road, Calcutta.	Printed by Nabin Chandra Chaudhuri, and published by Rájendralál Ghosh.
2749	Prabáhini. The Stream. Vol. I. Nos. 11 to 13 (together). (T.)	ditto	Translated by Bipinbihári Chakrabarti.	ditto	Printed and published at 89, Bāránasi Ghosh's Street, Calcutta.	Printed by Bimalá Charan Chakrabarti, and published by Bipinbihári Chakrabarti.
2750	Ditto ditto. Vol. I. No. 14. (T.)	ditto	ditto	ditto	ditto ditto	ditto ditto
2751	Ditto ditto. Vol. II. No. 1. (T.)	ditto	ditto	ditto	ditto ditto	ditto ditto
2752	Ditto ditto. Vol. II. No. 2. (T.)	ditto	ditto	ditto	ditto ditto	ditto ditto
2753	Bangopanyása Chárusilá. Bengali Tales. The Story of Chárusilá. Vol. I. Nos. 14 to 18 (together).	ditto	Bhuban Chandra Mukharji.	ditto	Printed and published at 17, Srináth Dás's Lane, Calcutta.	Printed and published by Amritalál Ghosh.
2754	Hiráprabhá (A Name). No. 3.	ditto	Surendra Shom.	Lál ditto	Printed and published at 2, Abhaya Ghosh's Lane, Calcutta.	Printed by Haridás Mánna, and published by Annadá Prasád Dás.
2755	Ditto ditto. No. 4. ...	ditto	ditto	ditto	ditto ditto	ditto ditto

LIBRARY.

5

Quarter ending 31st March 1884—continued.

8	9	10	11	12	13	14	15	16	17
Date of issue from the press, or place of publication.	Number of sheets, leaves, or pages.	Size.	First, second, or other edition.	Number of copies of which the edition consists.	Printed or lithographed.	Price at which the book is sold to the public.	Name and residence of proprietor of copyright, or any portion of it.	REMARKS.	Number
BOOKS—continued.						Rs. A. P.			
1883.	Pages.								
Dec., 7th	74	12mo	1st	1,000	Printed	0 6 0	Dibá Kánta Ráya, Krishnagar.	A young Babu commits suicide on discovering that the love which his mistress, a public woman, has professed for him	2740
is purely mercenary. The object of this work seems to be similar to that of the last-mentioned one—to warn young men against illicit connections.									
1884.									
Jan., 20th	22	12mo	1st	1,000	ditto	0 2 0	.....	This is an opera describing how Radha went into a fit of jealousy in consequence of her lover Krishna having paid a	2741
visit to a lady named Chandrábali, and how Krishna, failing to appease her with entreaties and importunities, appeared before her in the garb of a mendicant, and declared that he would receive nothing as alms except her <i>mána</i> (fit of jealousy), whereupon she was compelled to excuse him.									
" 25th	19	12mo	1st	2,000	ditto	0 1 0	.....	Contains a somewhat disparaging account of the opening of the Calcutta International Exhibition.	2742
" 15th	48	12mo	1st	1,000	ditto	0 4 0	.....	An immoral story is related with the view of showing that intemperance should be avoided because it leads to grave crime and shameless incontinence.	2743
1883.									
Dec., 25th	78	8vo	1st	1,250	ditto	.....	.....	This is the celebrated Persian story.	2744
1884.									
Jan., 10th	64	8vo	2nd	1,000	ditto	0 6 0	.....	This is a Bengali adaptation of Reynolds' <i>Mary Price</i> .	2745
" 22nd	64	8vo	1st	2,000	ditto	0 4 0	.....	This serial will contain a Bengali translation of Reynolds' <i>Mysteries of the Court of London</i> .	2746
1883.									
Dec., 2nd	94	8vo	1st	1,000	ditto	0 4 0	Jadunath Mukerjee, 13, Kristo Das Pal's Lane, Calcutta.	A story of a Bengali Babu's adventures, containing reflections on the virtues, vices, manners, &c., of educated Bengalis. The	2747
reflections are generally of an unfavourable nature. The story is not completed in this volume. The Babu, who is describing his own adventures, calls himself a <i>merry donkey</i> .									
1884.									
Jan., 25th	16	8vo	1st	1,000	ditto	0 2 0	Rájendra Lal, Ghos, 2, Tálá Bagan Road, Calcutta.	.....	2748
1883.									
Dec., 30th	48	8vo	1st	2,000	ditto	0 1 0	.....	each number. Contains an adaptation of Reynolds' <i>Mysteries</i> .	2749
1884.									
Jan., 7th	16	8vo	1st	2,000	ditto	0 1 0	.....	.....	2750
" 14th	24	8vo	1st	2,000	ditto	0 2 0	.....	.....	2751
" 21st	24	8vo	1st	2,000	ditto	0 2 0	.....	.....	2752
" 29th	96	8vo	1st	1,000	ditto	0 7 6	B. K. Das & Co., 10, Sreenáth Dás's Lane, Calcutta.	The story of Chárusilá is finished in this part.	2753
" 10th	60	12mo	1st	1,000	ditto	0 5 0	.....	An unfinished story	2754
" 28th	48	12mo	1st	1,000	ditto	0 5 0	.....	.....	2755

CATALOGUE OF BOOKS for the First

1	2	3	4	5	6	7
Number.	Title (to be translated into English when the title-page is not in that language).	Language in which the book is written.	Name of author, translator, or editor of the book, or any part of it.	Subject.	Place of printing and place of publication.	Name or firm of printer, and name or firm of publisher.
BENGALI						
FICTION—concluded.						
2756	Bediyā Bālikā. The Gipsy Girl. ...	Bengali	Umesh Chandra Datta.	Fiction ...	Printed and published at 210-1, Cornwallis Street, Calcutta.	Printed by Bhuban Mohan Ghosh, and published by Ashutosh Ghosh.
2757	Gangādhār Sarmā orfe Jatādhārīr Rojnāmehā.	ditto	Chandrasekhara Banerji.	ditto ...	Printed at 249, Bowbazar Street, and published at the Bengal Medical Library, Calcutta.	Printed by I. C. Basu & Co., and published by Gurudas Chatterji.
HISTORY (INCLUDING GEOGRAPHY.)						
2758	Rajasthan. Annals and Antiquities of Rajasthan by Lieutenant-Colonel Tod. Vol. II. Part I. (T.)	Bengali	Translated by J. N. Banerjee.	History ...	Printed and published at 92, Bowbazar Street, Calcutta.	Printed by Bāmācharan Majumdār, and published by Aghornāth Barāt.
2759	Ditto ditto. Vol. II. Part II. (T.)	ditto	ditto	ditto	ditto ditto	ditto ditto
2760 to 2775	Rajasthan. Annals and Antiquities of Rajasthan by Lieutenant-Colonel Tod. Vol. I (consisting of 16 separate parts). (T.)	ditto	Translated by Gopal Chandra Mukharji.	ditto	Printed and published at 11, Raja Nabakrishna's Street, Calcutta.	Printed by Mahendranāth Dās, and published by Baradākānta Mitra & Co.
2776	Kāyastha-kārikā o Bansābali History and Genealogy of the Kāyasthas. Vol. I. No. 1.	ditto	Anupa Chandra Mittra.	ditto	Printed and published at 11, Raja Nabakrishna's Street, Calcutta.	Printed by Mahendranāth Dās, and published by Anupa Chandra Mittra.
<i>The following works are designed for educational purposes.</i>						
2777	Bhu-chitrābali. A Collection of Maps.	ditto	Calcutta Studio.	Art ditto	Printed and published at 185, Bowbazar Street, Calcutta.	Printed by G. M. Dās, and published by the Calcutta Art Studio Co.
2778	Bhugol-parichaya. A work on Geography.	ditto	Rajmohan Chatterji.	ditto	Printed and published at Mymensingh.	Printed and published by Nabin Chandra Chakrabarti.
2779	Purābriṭṭasārer Prasnottar. Catechism of Purābriṭṭasār.	ditto	Kedarnāth Sarkar.	ditto	Printed and published at 37, Mechuabazar Street, Calcutta.	Printed by Sarach Chandra Deb, and published by Kedarnāth Sarkar.
2780	Bhāratbarsher Itihāser Prasnottar. Catechism of the History of India.	ditto	Kshirod Chandra Rāya Chaudhuri.	ditto	ditto ditto	Printed and published by Sarach Chandra Deb.
2781	Bhāratbarsher Samasta Itihās. The Entire History of India.	ditto	Rāmgati Nyāyaratna.	ditto	Printed and published at the Budhodaya Press, Hughli.	Printed and published by Kāshināth Bhattāchārya.
2782	Dharmapustaker Sankshipta Itihās. Brief Bible-history.	ditto	Gopāl Chandra Makharji.	ditto	Printed and published at 89, Jān Bazar, Calcutta.	Printed and published by Rāmānāth Ghosh.
2783	Bhugol Parichaya. An elementary work on Geography.	ditto	Sashibhusan Chatterji.	ditto	Printed and published at 8, Dixon's Lane, Calcutta.	Printed and published by Bihārīlāl Chakrabarti.
2784	Bhuchitrābali. Student's Bengali Atlas.	ditto	ditto	ditto	ditto ditto	ditto ditto
LANGUAGE.						
<i>The following works are designed for educational purposes.</i>						
2785	Sitār Banabāser Arthapustak. Key to Sitār Banabās.	ditto	Bihārīlāl Rāya Chaudhuri.	Language	Printed and published at 22, Jhāmāpukar Lane, Calcutta.	Printed by Benimādhav Chakrabarti, and published by Baradā Prasād Majumdār.

Quarter ending 31st March 1884—continued.

8	9	10	11	12	13	14	15	16	17
Date of issue from the press, or place of publication.	Number of sheets, leaves, or pages.	Size.	First, second, or other edition.	Number of copies of which the edition consists.	Printed or lithographed.	Price at which the book is sold to the public.	Name and residence of proprietor of copyright, or any portion of it.	REMARKS.	Number.
BOOKS—continued.						Rs. A. P.			
1884.	Pages.								
Jan., 23rd	41	12mo ...	1st ...	1,000	Printed	0 2 0	Umesh Chandra Datta, Calcutta.	This work is based on a French tale.	2756
1883.									
Dec., 12th	281	12mo. ...	1st ...	600	ditto ...	1 0 0	Chandrasekhara Banerji, Kendrapara.	A story of village life in Bengal, with numerous graphic sketches of men, manners, institutions, &c.	2757
1884.									
Jan., 15th	48	8vo ...	1st ...	4,000	Printed	0 4 0	Aghornáth Barát, 12, Patalidanga Street, Calcutta.	.....	2758
„ 20th	48	8vo ..	1st ...	4,000	ditto ...	0 4 0	ditto ...	.....	2759
„ 1st	617	4to ...	1st ...	1,000	ditto ...	5 15 9	Baradákánta Mitra, 2, Raja Nabakrishna's Street, Calcutta.	This is a new Bengali translation of Colonel Tod's great work. It is published in the hope that its perusal will rouse the historical sense of Hindus, and enable them to understand their position as the descendants of the brave, warlike, chivalrous, and patriotic people whose achievements it records.	2760 to 2775
„ 12th	18	4to ...	1st ...	1,000	ditto ...	0 8 0	Anupa Chandra Mitra, 65, Bagbazar Street, Calcutta.	The history of the Káyasthas of Bengal is traced to the time of Adisur, and the various divisions and sub-divisions introduced among them by Ballalsen are enumerated and explained.	2776
„ 5th	13	4to ...	1st ...	1,000	ditto ...	1 0 0	Calcutta Art Studio Co., 1-5, Bowbazar Street, Calcutta.	This is a new Bengali atlas, containing nine maps.	2777
„ 15th	69	12mo dy.	5th ...	1,000	ditto ...	0 4 0	Rajmohan Chatterji, Vikrampur, Dacca.	.....	2778
1883.									
Dec., 2nd	110	12mo ..	1st ...	500	ditto ...	0 7 0	Kedárnáth Sarkár, Calcutta.	This is a catechism of Babu Bhoodeb Mookerjee's <i>Purabritasár</i> .	2779
„ 30th	89	12mo ...	2nd ...	2,000	ditto ...	0 4 0	Kshirod Chandra Ráya Chaudhuri, Calcutta.	Contains a very brief catechistic exposition of Indian history from the remotest times.	2780
Nov., 20th	223	12mo ...	7th ...	5,000	ditto ...	0 10 0	Ramgati Nyáyaratna, Chinsurah.	.....	2781
Dec., 31st	102	12mo ..	1st ...	1,000	ditto ...	0 4 0	Gopál Chandra Mukharji, Dharmatalá, Calcutta.	Describes the principal events recorded in the Old and New Testament.	2782
1884.									
Jan., 15th	71	12mo ...	23rd ...	8,000	ditto ...	0 2 6	Sashibhusan Chatterji, Konnagar.	.....	2783
„ 18th	13	4to ...	... ..	1,000	ditto ...	1 4 0	ditto ...	.....	2784
1883.									
Dec., 22nd	108	12mo ...	3rd ...	2,000	ditto ...	0 8 0	Baradá Prasad Majumdar, 22, Jhámápuke Lane, Calcutta.	Gives the derivation, cases, <i>s. masas</i> , meaning, &c., of words.	2785

CATALOGUE OF BOOKS for the First

1	2	3	4	5	6	7
Number.	Title (to be translated into English when the title-page is not in that language).	Language in which the book is written.	Name of author, translator, or editor of the book, or any part of it.	Subject.	Place of printing and place of publication.	Name or firm of printer, and name or firm of publisher.
	BENGALI					
	LANGUAGE—continued.					
2786	Saral Sisusikshá. Easy Infant Instructor. Part III.	Bengali	Rákháldás Chakrabarti.	Language	Printed and published at 140, Chitpur Road, Calcutta.	Printed by Ganesh Chandra Ghosh, and published by Nrisinha Kumár Ghosh.
2787	Sukumár Páth. Easy Lessons.	ditto	Chandramohan Chatterji.	ditto	Printed and published at 11, Simla Street, Calcutta.	Printed by H. M. Mukharji & Co., and published by Chandramohan Chatterji.
2788	Prathamabhág Kabitákaláper Artha. A Key to Kabitákaláp. Part I.	ditto	Dwárákánáth Pál.	ditto	Printed and published at the Dacca Sital Press.	Printed and published by Gopináth Basák.
2789	Chárubodhini. A Key to Chárupáth. Part III.	ditto	Matilál Chakrabarti.	ditto	Printed at 37, Mechua-bazar, Calcutta, and published at Dacca.	Printed by Sarach Chandra Deb, and published by Matilál Chakrabarti.
2790	Priyabodhini. A Key to Priyapáth.	ditto	ditto	ditto	ditto ditto	ditto ditto
2791	Padyamálá Dwitiyabháger Sabdártha o Byá-khyá. A Key to and an Exposition of Padyamálá. Part II.	ditto	Jogesh Chandra Chakrabarti.	ditto	ditto ditto	ditto ditto
2792	Sáhityasopáner Sabdártha. A Key to Sáhityasopán.	ditto	ditto	ditto	ditto ditto	ditto ditto
2793	Sikshásopáner Sabdártha. A Key to Sikshásopán.	ditto	ditto	ditto	ditto ditto	ditto ditto
2794	Bodhodayer Artha. A Key to Bodhodaya.	ditto	Dwáráká Náth Pál.	ditto	Printed and published at the Dacca Oriental Press.	Printed by Iswar Chandra Náth, and published by Dwáráká Náth Pál.
2795	Dwitiyabhág Padyamálár Artha. A Key to Padyamálá. Part II.	ditto	ditto	ditto	ditto ditto	ditto ditto
2796	Senetári Práimár. A Key to and a Catechism of Dr. Cunningham's Sanitary Primer.	ditto	.....	ditto	ditto ditto	ditto ditto
2797	Sukumár Páth. Infant Reader. Part I.	ditto	Prabodh Chandra Sarmá.	ditto	ditto ditto	Printed by Iswar Chandra Náth, and published by Prabodh Chandra Sarmá.
2798	Kaninhámer Swásthya-rakshár Pratham Pustaker Katipaya Prasottar Sambalit Byá-khyá Pustak. A Key to Dr. Cunningham's Sanitary Primer, together with a few questions and answers.	ditto	Táriní Kánta Majumdár.	ditto	Printed and published at Sherpur.	Printed and published by Tamizuddin Ahmud.
2799	Barnaparichaya. An Alphabetical Primer. Part I.	ditto	Bipra Charan Basu.	ditto	Printed and published at 106, Mániktala Road, Calcutta.	Printed and published by S. M. Sardár.
2800	Bodhodayer Artha Pustak. Key to Bodhodaya.	ditto	Gopál Chandra Chakrabarti.	ditto	Printed and published at 24, Girish Bidyaratna's Lane, Calcutta.	Printed and published by Harish Chandra Kabiratna.
2801	Laghu Charita Manjari. A collection of Easy Memoirs.	ditto	Káliprasanna Ráya.	ditto	Printed at 14, Duff Street, and published at 148, Báránasi Ghosh's Street, Calcutta.	Printed by P. M. Sur & Co., and published by Káli Prasanna Ráya.
2802	Barnaparichaya. Alphabetical Primer. Part II.	ditto	Bipra Charan Basu.	ditto	Printed and published at the Herald Press, 106, Mániktala Road, Calcutta.	Printed and published by S. M. Sardár.

Quarter ending 31st March 1884—continued.

8	9	10	11	12	13	14	15	16	17
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BOOKS—continued.									
1883.	Pages.								
Dec., 12th	36	12mo	2nd	1,000	Printed	0 1 6	Nrisinha Kumār Ghosh, Calcutta.	Contains small and easy lessons in prose, with a prayer to God in verse at the end.	2786
1884.									
Jan., 1st	46	12mo	2nd	1,000	ditto	0 2 6	Chandramohan Chatterji, Bāli.	Easy lessons in prose	2787
1883.									
Dec., 31st	8	8vo	4th	2,000	ditto	0 1 6	Dwārakā Pāl.	Gives the meanings of words	2788
" 5th	317	12mo	1st	1,000	ditto	0 12 0	Matilāl Chakrabarti, Dacca.	Contains a brief memoir of Baboo Akshaya Kumār Datta, the author of <i>Chārupāth. Part III.</i>	2789
" 19th	130	12mo	1st	2,000	ditto	0 8 0	ditto	.....	2790
" 22nd	81	12mo	1st	1,000	ditto	0 5 0	ditto	.....	2791
" 16th	48	12mo	1st	1,000	ditto	0 4 0	ditto	Gives the meanings, parts of speech and in some instances the <i>sandhis</i> of words.	2792
" 8th	22	12mo	1st	2,000	ditto	0 2 0	ditto	Gives the meanings of words	2793
1884.									
Jan., 15th	21	8vo	10th	6,000	ditto	0 3 0	Dwārakā Pāl, Mogultuli, Dacca.	.....	2794
1883.									
Dec., 15th	15	8vo	1st	1,000	ditto	0 4 0	ditto	Gives the meanings and in some instances the parts of speech of words, together with explanations of difficult passages.	2795
" 25th	38	12mo	6th	4,000	ditto	0 2 0	.....	.....	2796
" 25th	31	12mo	2nd	2,000	ditto	0 1 3	Prabodh Chandra Sarmā.	A primer	2797
1884.									
Jan., 21st	20	12mo	1st	2,000	ditto	0 2 0	Tārinikānta Majumdar, Islampur Station, De-wangunj.	.....	2798
" 23rd	34	12mo	1st	1,000	ditto	0 1 0	Bipra Charan Basu, 30, North Nārikel-dāngā Road, Calcutta.	A new primer dealing with the uncompound letters.	2799
" 9th	23	12mo	1st	1,000	ditto	0 2 0	Gopāl Chandra Chakrabarti, Baraset.	Gives the meanings, parts of speech, and <i>sandhis</i> of words and explanations of difficult passages.	2800
" 14th	156	8vo	2nd	1,000	ditto	0 12 0	Kālīprasanna Rāya, 9, Rājāram Sarkār's Lane, Calcutta.	A reader containing brief memoirs of Lord Clive, Warren Hastings, and Lord Canning.	2801
" 4th	36	8vo	1st	1,000	ditto	0 1 3	Bipra Charan Basu, 30, North Nārikel-dāngā Road, Calcutta.	This part deals with the compound letters.	280

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	BENGALI					
	LANGUAGE—continued.					
2803	Sukhabodha Easily Understood.	Bengali	Srináth Chandra.	Language	Printed and published at 210—1, Cornwallis Street, Calcutta.	Printed and published by Bhuban Mohan Ghosh.
2804	Cháruboda. A delightful Reader.	ditto	Sashibhusan Chatterji.	ditto	Printed and published at 8, Dixon's Lane, Calcutta.	Printed and published by Bibárilál Chakrabarti.
2805	Sankshipta Byákarana. A small work on Grammar.	ditto	Chandra Kánta Bidyáratna.	ditto	ditto ditto	ditto ditto
2806	Bályasikshá. Infant Instructor.	ditto	Ramsundar Basák.	ditto	ditto ditto	ditto ditto
2807	Sishusikshá. Tiritiábháger Sabdártha. Key to Sishusikshá. Part III.	ditto	Srináth Bhatta-chárya.	ditto	Printed and published at Mymensingh.	Printed and published by Nabin Chandra Chakrabarti.
2808	Bodhodayer Artha Pustak. A Key to Bodhodaya.	ditto	Nanda Gopal Ghatak.	ditto	ditto ditto	ditto ditto
2809	Byákaransár. Essence of Grammar.	ditto	Gobinda Prasad Ráya.	ditto	Printed and published at the Dacca Bangla Press.	Printed by Lakshman Basák. Publisher's name not given.
2810	Byákarana Manjushá. Cabinet of Grammatical Knowledge.	ditto	Umesh Chandra Gupta.	ditto	Printed and published at Mymensingh.	Printed and published by Nabin Chandra Chakrabarti.
2811	Byákarana Parichaya. Knowledge of Grammar.	ditto	Madan Mohan Mitra.	ditto	ditto ditto	ditto ditto
2812	Saisabasikshá. Infant Instructor. Part I.	ditto	Munshi Kazimuddin.	ditto	ditto ditto	ditto ditto
2813	Nabaprabandha. Nine Essays.	ditto	Brajanáth Biswas.	ditto	ditto ditto	ditto ditto
2814	Barnabodh. An Alphabetical Primer. Part I.	ditto	Rajanikánta Chatterji.	ditto	Printed and published at Comillah.	Printed and published by Sashibhusan Dás.
2815	Swásthýarakshár Pratham Pustaker Artha O Prasnottar. A Key to and a Catechism of Dr. Cunningham's Sanitary Primer.	ditto	Rupchandra Chakrabarti.	ditto	ditto ditto	Printed by Sashibhusan Dás, and published by Rup Chandra Chakrabarti.
2816	Sahaj Akshar Parichaya O Bânán Sikshá. Easy Alphabetical Primer and Instruction in Spelling.	ditto	.....	ditto	Printed at 23, Malangá Lane, and published at 97, College Street, Calcutta.	Printed by Kedárnáth De, and published by the Somprakásh Depository.
2817	Bhásásikshá. Instruction in Language.	ditto	.....	ditto	Printed and published at 81, Bāránasi Ghosh's Street, Calcutta.	Printed and published by Manimohan Rakshit.
2818	Sáhitýa-sopán. A Stepping Stone to Bengali Literature. Part I.	ditto	Sarat Chandra Chaudhuri.	ditto	ditto ditto	ditto ditto

Quarter ending 31st March 1884—continued.

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BOOKS—continued.						Rs. A. P.			
1884.	Pages.								
Jan., 28th	46	12mo ... 6th ...		5,000	Printed	0 3 0	Srináth Chanda Mymensingh.	An elementary work on Bengali grammar based on Sanskrit grammatical principles, and containing questions for testing the student's knowledge of the subject.	2803
1883.									
Dec., 27th	104	12mo ... 11th ...		3,000	ditto ...	0 6 0	Sasibhusan Chatterji, Calcutta.	Contains descriptive and didactic lessons.	2804
" 30th	83	12mo ... 6th ...		1,000	ditto ...	0 5 0	Chandra Kánta Bidyaratna, Mymensingh.	... ..	2805
" 29th	56	12mo ... 25th ...		15,000	ditto ...	0 1 6	Ramsundar Basák, Dacca.	A primer	2806
1884.									
Mar., 8th	20	12mo dy 2nd ...		3,000	ditto ...	0 1 6	Srináth Bhattá-chárya, Kámárhára, district Dacca.	Gives the meanings of words	2807
" 8th	20	12mo dy 1st ...		5,000	ditto ...	0 2 0	Nanda Gopal Ghatak, Páth-rail, Mymensingh.	ditto ditto	2808
Jan., 21st	202	12mo dy 25th ...		1,000	ditto ...	0 8 0	Gobinda Prasád Ráya of Dacca.	.....	2809
" 7th	190	12mo dy 4th ...		1,000	ditto ...	0 10 0	Umesh Chandra Gupta, Nasirábád.	This work is based mainly on the principles of Sanskrit grammar.	2810
" 9th	42	12mo dy 10th ...		3,000	ditto ...	0 3 0	Madan Mohan Mitra, Dacca.	.....	2811
1883.									
Dec., 17th	24	12mo dy 1st ...		1,000	ditto ...	0 1 0	Munshi Kazim-uddin, Chárán, sub-division Tangáil.	A new primer in which ঐ and ঊ (the long Li) are represented as vowel sounds and ঐ , ঊ , ঋ as consonantal sounds.	2812
1884.									
Jan., 4th	128	8vo dy 3rd ...		2,000	ditto ..	0 12 0	Brajanáth Biswás, Mymensing.	Contains essays on Bhishma Deb, Sákyasinha, the battle of Nowshera, the exploration of the Arctic Zone, &c.	2813
1883.									
Dec., 12th	24	12mo dy 2nd ...		3,000	ditto ...	0 0 6	.....	Like the author of the book No. 2812, noticed above, the present writer has included ঐ , ঊ , ঐ and ঊ among the vowel sounds and ঐ among the consonants.	2814
" 24th	27	8vo .. 2nd ...		2,000	ditto ...	0 2 0	.....	.....	2815
" 15th	24	12mo ... 1st ...		3,000	ditto ...	0 0 3	Rangalál Mukharji, Ráhuta.	The writer of this primer includes ঐ among the consonants.	2816
Sept., 11th	87	12mo ... 1st ...		1,000	ditto ..	0 5 0	.....	This is a work on Bengali composition "designed for students preparing for the vernacular and minor scholarship examinations." There are not, according to the author, many works of this kind in Bengali.	2817
Dec., 19th	90	12mo ... 2nd ...		3,000	ditto ...	0 4 0	Sarat Chandra Chandhuri, Mymensingh.	A prose reader	2818

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	LANGUAGE— <i>concl'd.</i>					BENGALI
2819	Nári-sikshá. Female Instructor. Part I.	Bengali	Umesh Chandra Datta.	Language	Printed at 210-1, Cornwallis Street, and published at the Bámabodhini Office, Calcutta.	Printed by Bhuban Mohan Ghosh, and published by the Bámabodhini office.
	LAW.					
2820	Deoyáni Mokaddamár Káryapranáli. The Code of Civil Procedure. (T.)	ditto	Rádhákishna Ráya.	Law	Printed at 249, Bow Bazar Street, Calcutta, and published at Rungpore.	Printed by I. C. Basu & Co., and published by Rádhákishna Ráya.
	MEDICINE.					
2821	Drabyaguna-darpan. The Mirror of the Properties of Things.	ditto	Bholánáth Mukharji.	Medicine.. N.	Printed at 17, Brindában Basák's Street, and published at 115, Chitpur Road, Calcutta.	Printed by Fakir Chánd Dás, and published by Biswambhar Láhá.
2822	Abyartha Saral Arsa Chikitsá. Infalible Treatment of Piles.	ditto	Vishnu Chandra Náth.	ditto	Printed and published at the Burdwan Press.	Printed and published by Vishnu Chandra Náth.
2823	Homiopyáthik Chikitsá bijñán. Homœopathic Treatment of Diseases. Part. I.	ditto	Pareshnáth Mukharji.	ditto E.	Printed and published at the Dacca Girish Press.	Printed by Munshi Maula Buksh, and published by Paresh Náth Mukharji.
2824	Homiopyáthik Sáhitya Bhaishajya. A Homœopathic work on Medicine. Vol. I. No. 2.	ditto	ditto	ditto	ditto ditto	ditto ditto
	<i>The following works are designed for educational purposes.</i>					
2825	Ophthalmic Surgery	ditto	Káshi Chandra Datta.	ditto	Printed and published at the Dacca Raghunath Press.	Printed and published by Nandakishor Basák.
2826	Astra-chikitsá. Surgery.	ditto	Zahiruddin Ahmad.	ditto	Printed and published at 37, Mechuabazar Street, Calcutta.	Printed and published by Sarach Chandra Deb.
2827	Kásaroga Chikitsá. The Treatment of Phthisis.	ditto	Amritalál Bhattachárya.	ditto	Printed at 14, Duff Street, and published at 4, Ráya Bagan Street, Calcutta.	Printed by P. M. Sur & Co., and published by Amritalál Bhattachárya.
	MISCELLANEOUS.					
2828	Káli Bhajan. Hymns to Káli.	ditto	Chandra Kumár Banerji.	Miscellaneous.	Printed at 117, and published at 198, Upper Chitpur Road, Calcutta.	Printed by Jogendranáth Basu, and published by Chandra Kumár Banerji.
2829	Indrajál. Magic. Vol. II, Nos. 1, 2, and 3 (together).	ditto	.....	ditto	Printed and published at the Tálá Metropolitan Press, 2, Tálá, Calcutta.	Printed and published by Nabin Chandra Chaudhuri.
2830	Alarka Charit. The Career of Alarka.	ditto	Rám Kumár Bhattachárya.	ditto	Printed and published at 210-1, Cornwallis Street, Calcutta.	Printed and published by Bhuban Mohan Ghosh.

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BOOKS—continued.						Rs. A. P.			
1884.	Pages.								
Jan., 15th	130	12mo ... 3rd ...		1,000	Printed	0 8 0	Umesh Chandra Datta, Calcutta.	This is a revised edition, with a few lessons left out and a few newly inserted. The work, though chiefly intended for zenana instruction, is so compiled as to justify its use in girls' schools.	2819
1883.									
Dec., 6th	526	8vo ... 1st ...		500	ditto ...	4 8 0	Rádhákrishna Ráya, Rungpore.	"With copious rulings, notes, circular orders, resolutions, notifications, and general letters, &c., of the High Court and Government, &c."	2820
1884.									
Jan., 3rd	136	8vo ... 3rd ...		1,300	ditto ...	0 3 0	Biswambhar Láhá, 333, Chitpore Road, Calcutta.	Describes the properties of such substances as are used medicinally as well as of food articles.	2821
.....	26	12mo ... 1st ...		2,000	ditto ...	0 6 0	Vishnu Chandra Náth, Burdwan.	Describes the treatment of piles as prescribed in the Tantras.	2822
Feb., 12th	40	8vo ... 1st ...		500	ditto ...	0 5 0	Pareshnáth Mukharji, Dacca.	Describes the causes, symptoms, and homœopathic treatment of diseases.	2823
" 12th	96	8vo ... 1st ...		500	ditto ...	1 0 0	ditto ..	Describes the history, use, and properties of medicinal substances.	2824
1883.									
Dec., 21st	201	12mo ... 2nd ...		125	ditto ...	3 8 0	Káshi Chandra Datta, Dacca.	This work is based chiefly on Dr. Macnamara's work on the diseases of the eye, and is intended for the use of those who receive medical education in the vernacular of the country.	2825
" 29th	747	8vo ... 1st ...		1,000	ditto ...	10 0 0	Zahiruddin Ahmad, Calcutta.	"The object of the present work is chiefly to supply the want of a suitable text-book on surgery in the Bengali language, often felt by students: it is intended no less to be a help to teachers, who, in the absence of a proper work in Bengali on the subject, have very frequently had to perform the two-fold duties of a teacher and a translator." The work is illustrated with 160 wood-cuts.	2826
1884.									
Jan., 15th	315	8vo ... 1st ...		1,000	ditto ...	2 8 0	Amritálál Bhattáchárya, 4, Rayá Bágán Street, Calcutta.	This is an allopathic work ...	2827
Feb., 4th	12	12mo ... 1st ...		1,000	ditto ...	.....	.....	Hymns to the goddess Kali composed in the form of songs.	2828
Jan., 23rd	48	8vo dy... 1st ...		2,000	ditto ...	0 6 0	Rájendralál Ghosh, 2, Tálá Bágán Road, Calcutta.	Contains a collection of recipes from the Tantras, &c., for effecting wonderful cures, especially in cases of snake-bite, and describes the different symptoms following from the bites of different classes of snakes, &c.	2829
" 29th	64	12mo ... 1st ...		1,000	ditto ...	0 4 0	Rámkamár Bhat-tachárya, Calcutta.	Alarka is a Pauránik character, representing the influence of spiritual culture upon the material instincts of man, showing how far the example and influence of the mother determines the life and character of the son, and illustrating the need that exists among men for their helping each other in a fraternal spirit in the cause of religion and morality.	28

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	MISCELLANEOUS—concl'd.					BENGALI
2831	Ekjibisan. The Exhibition.	Bengali	Kāli Chandra Lāhiri.	Miscellaneous.	Printed and published at the Sāhitya Sudhakar Press, Bhowanipore.	Printed by Aghornāth Ghosāl, and published by Kāli Chandra Lāhiri.
	nature acquired in ancient India were of a kind far transcending the material achievements of modern Europe, of British India as being in the main prejudicial to the interests of the poorer classes of people, and containing some case, and charges two Judges of the High Court with having rejected a motion without reading the papers, and					
2832 to 2836	Sangita-mālā. A collection of Songs. Parts 8 to 12 (separately).	ditto	Syāmā Prasād Datta.	ditto	Printed and published at 140, Chitpur Road, Calcutta.	Printed by Ganesh Chandra Ghosāl, and published by Nrisinha Kumār Ghosh.
2837	Fakir Brajadāser Gita. The Songs of Fakir Brajadās. Part II.	ditto	Brajadās Kundu.	ditto	Printed and published at 24, Giris Bidyaratna's Lane, Calcutta.	Printed and published by Harish Chandra Kabirātna.
2838	Gurusatya Sangita-mālā. Spiritual Songs. Part I.	ditto	Sumanta Chandra Mahānta.	ditto	Printed and published at Pubas.	Printed by Sashibhusan Mallik, and published by Sumanta Chandra Mahānta.
2839	Sangita-Kadamba. A Collection of Songs. Part I.	ditto	Sashibhusan Bāgchi.	ditto	ditto ditto	Printed by Sashibhusan Mallik, and published by Sashibhusan Bāgchi.
2840	Joga-pranālī. The method of performing Joga.	ditto	Ananda Chandra Nandi.	ditto	Printed and published at Commillah.	Printed by Sashibhusan Dās, and published by Dayāl Chandra Ghosh.
2841	Dāker Subidhā. Facilities afforded by the Post Office.	ditto	.....	ditto	Printed and published at 81, Bārānasi Ghosh's Street, Calcutta.	Printed by Monimohan Rakshit, and published by the Post Master-General, Bengal.
2842	Ekjibisan Darpan. The Mirror of the Exhibition.	ditto	Bankim Chandra Sen Gupta.	ditto	Printed and published at the Aruna Press, Chinsurah.	Printed and published by Ashutosh Bhattachārya.
2843	Swadeser Hitakathā. A few topics bearing upon the progress and welfare of this country.	ditto	Jogendranārāyan Rāya.	ditto	Printed and published at 10, Sānkāritolā Lane, Calcutta.	Printed and published by Kedārnāth Bhattachārya.
	sympathies, &c., of educated Bengalis, on whom the progress and welfare of this country must henceforward depend. means by which they may render themselves worthy of their position are also mentioned. The essays are written					
	The following works are designed for educational purposes.					
2844	Mānaba. Relating to Man	ditto	Brajamohan Datta.	ditto	Printed and published at 8, Dixon's Lane, Calcutta.	Printed and published by Bihārīlāl Chakrabarti.
2845	Sikshādān-pranālī. The system of giving instruction.	ditto	Dinanāth Sen	ditto	Printed and published at the Daeca Girish Press.	Printed by Maula Buksh, and published by Manamohan Sen.

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Date of issue from the press or place of publication	Number of sheets, leaves, or pages.	Size.	First, second, or other edition.	Number of copies of which the edition consists.	Printed or lithographed.	Price at which the book is sold to the public.	Name and residence of proprietor of copyright, or any portion of it.	REMARKS.	Number.
BOOKS—continued.						Rs. A. P.			
1884.	Pages.								
Feb., 3rd	24	Svo dy..	1st ...	300	Printed	0 4 0	Káli Chandra Lá-hiri, Bhowani pore.	The writer adduces evidence from Sanskrit works to show that the material advancement made and the power over external	2831
which proofs were collected at the International Exhibition. The writer also condemns the present judicial system of very gross features of mal-administration. As instances, the writer accuses a Munsiff of dishonesty in the trial of a even the petition relating to it.									
1883.									
Dec., 9th	60	12mo ...	1st ...	1,000	ditto ...	0 1 0 (each part).	Nrisinha Kumár Ghosh, Calcutta.	This is a collection of songs, most of which relate to illicit love and some to the loves of Krishna and Rádhá.	2832 to 2836
„ 30th	8	12mo ...	1st ...	2,000	ditto ...	0 1 0	Brajadás Kundu, Nimtollá, Calcutta.	These are songs of the nature of those which are sung by <i>Bauls</i> .	2837
„ 1st	25	...	1st ...	500	ditto ...	.....	.....	.....	2838
„ 12th	14	...	1st ..	500	ditto ...	0 1 3	.....	These songs are composed in the figurative style of Ramprasád Sen.	2839
1884.									
Jan., 7th	10	12mo dy	1st ...	500	ditto ...	0 1 0	.....	Explains briefly the different mental conditions which have to be realised by means of <i>Joga</i> , and gives some songs of a spiritual nature.	2840
„ 16th	23	24mo ...	1st ...	10,000	ditto ...	Nil	.....	It is the object of this tract to explain to the mass of people the rules which regulate the working of the Post Office Savings Banks, the sale and	2841
purchase of stock notes and Government promissory notes through the Post Office, the despatch of money orders, postal notes, &c., and to point out the advantages which the poorer classes especially may derive from an extended use of the cheap and profitable agency which the Post Office provides in these respects.									
„ 5th	8	Svo ...	1st ...	...	ditto ...	0 2 0	Bankim Chandra Sen Gupta, Barabazar, Chinsurah.	Contains a dialogue between two Bengali women, one of whom gives to the other a list of some of the articles to be seen at the Exhibition. A	2842
rough plan of the Exhibition grounds, marking off the different courts, and stating the nature of the exhibits placed in each court is also given.									
„ 8th	118	12mo ...	1st ...	500	ditto ...	0 10 0	Jogendranáráyan Ráya, 10, Sankáritólá Lane, Calcutta.	Contains essays on a variety of subjects. Most of them, however, have reference to the education, literary tastes, moral and religious culture, national	284
The faults of educated Bengalis and their attitude towards matters of public or national interest are explained, and the in an earnest and practical spirit.									
1883.									
Dec. 28th	99	12mo ...	1st ...	1,000	ditto ...	0 8 0	Jáminikumár Datta, Burrisal.	It seems to be the object of this work to convey moral and religious instruction by means of allegories, &c.	
„ 30th	127	Svo ...	1st ..	4,000	ditto ...	0 10 0	Dinanáth Sen	Contains elaborate directions for teaching different subjects, maintaining discipline, &c., in primary and middle class schools.	

1	2	3	4	5	6	7
Number.	Title (to be translated into English when the title-page is not in that language).	Language in which the book is written.	Name of author, translator, or editor of the book, or any part of it.	Subject.	Place of printing and place of publication.	Name or firm of printer, and name or firm of publisher.
BENGALI						
POETRY.						
2846	Anandotsab. Rejoicings.	Festive Bengali	Gagan Chandra De.	Poetry	Printed at 14, Duff Street, and published at 3, Hari Pál's Lane, Calcutta.	Printed by P. M. Sur & Co., and published by Gagan Chandra De.
2847	Kalej Babu. The Col-lege Babu.	ditto	Dásarathi Mukharji.	ditto	Printed and published at 81, Báránasi Ghosh's Street, Calcutta.	Printed and published by Manimohan Rakshit.
2848	Sindhubarnan Kábya. A Poem descriptive of the River Indus.	ditto	Aghornáth Chatterjee.	ditto	Printed and published at 75, Cornwallis Street, Calcutta.	Printed by Nalinimohan Dás, and published by Pramathanáth Chatterji.
<i>The following works are designed for educational purposes.</i>						
2849	Padyamálá. A collection of Poems. Part I.	ditto	Rám Chandra Bidyáratna.	ditto	Printed and published at 8, Dixon's Lane, Calcutta.	Printed and published by Bihárilál Chakrabarti.
2850	Padya Prakása. A Poetical Class Book. Part I.	ditto	ditto	ditto	ditto ditto	ditto ditto
2851	Sisutosha. An Entertaining Poetical Reader	ditto	Chandrakánta Bidyáratna.	ditto	Printed and published at Commillah.	Printed and published by Sasibhusan Dás.
2852	Padyasopán. A step in Poetry.	ditto	Madan Mohan Mitra.	ditto	Printed and published at Mymensingh.	Printed and published by Nabin Chandra Chakrabarti.
2853	Chárukabítá. Entertaining Poetical Reader. Part II.	ditto	Haris Chandra Mitra.	ditto	Printed and published at the Dacca Sulabh Press.	Printed by Gopináth Basák, and published by Kálidás Mitra.
2854	Chárupadya. Entertaining Poetical Reader. Part I.	ditto	Ramechandra Chakrabarti.	ditto	Printed and published at the Dacca Sitala Press.	Printed and published by Gopináth Basák.
2855	Saral Padya. Easy Poetical Reader.	ditto	Bihárikanta Chanda.	ditto	Printed and published at Mymensingh.	Printed and published by Nabin Chandra Chakrabarti.
RELIGION.						
2856	Gobindalilámrita. The career of Krishna (R).	ditto	Jadunandan Dás.	Religion, H	Printed and published at 117, Chitpur Road, Calcutta.	Printed and published by Trailokyanáth Datta.
2857	Mahábhárat Astádas Parba. The Mahabharat in eighteen books (R)	ditto	Kásirámdás	ditto	ditto ditto	ditto ditto
2858	Brihat Mahábhárat Astádas Parba. A large edition of the Mahabharat in eighteen books (R).	ditto	ditto	ditto	Printed and published at 140, Chitpur Road, Calcutta.	Printed by Ganesh Chandra Ghosh, and published by Nrisinha Kumár Ghosh.

Quarter ending 31st March 1884—continued.

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BOOKS—continued.						Rs. A. P.			
1883.	Pages.								
Nov., 7th	24	12mo ... 1st ...		1,000	Printed.	Nil	Gagan Chandra De, 3, Hari Pal's Lane, Calcutta.	Consists of a few stanzas expressive of hope and delight at the installation of the young Maharajah of Cooch Behar on his ancestral musnud. The event is regarded with patriotic feelings, and much indignation is accordingly expressed against Mlechcha domination and tyranny.	2846
Sept., 6th	12	12mo ... 1st ...		1,000	ditto ...	0 1 3	Dásarathi Mukharji.	This is a satire against those Bengali school-boys who give themselves high airs, pretend to be zealous patriots, and grieve for their country's misfortunes, and who at the same time are devoid of every feeling of love and respect for their parents.	2847
1884.									
Feb., 7th	216	12mo ... 1st ...		500	ditto ...	1 4 0	Pramathanáth Chatterji, 7, Káshi Ghosh's Lane, Calcutta.	A poem in six books, in which the river Indus is personified and represented as being a polygamist, and the head of a not very small family. Certain events which, according to history and mythology, are believed to have taken place on the banks and in the country of the Indus are also described.	2848
1883.									
Dec., 31st	36	12mo ... 1st ...		2,000	ditto ...	0 2 0	Rámchandra Bidyaratna, Rungpore.	Most of the poems in this collection are taken from Krittibás, Bhárat Chandra and other poets. The meanings of the most difficult words, &c., are given in foot-notes.	2849
1884.									
Jan., 6th	44	12mo ... 8th ...		3,000	ditto ...	0 2 0	Nrisinha Chandra Mukharji, Calcutta.	.....	2850
1883.									
Dec., 20th	34	12mo dy 1st ...		500	ditto ...	0 2 0	.....	Easy and instructive lessons in verse.	2851
Dec., 19th	29	12mo dy 13th ...		3,000	ditto ...	0 3 0	Madan Mohan Mitra, Páruár, Dacca.	An easy, poetical reader for children.	2852
1883.									
Dec., 25th	68	8vo ... 7th ...		1,000	ditto ...	0 5 0	Haris Chandra Mitra.	.....	2853
1884.									
Feb., 24th	60	12mo dy 4th ...		1,000	ditto ...	0 4 0	Ramchandra Chakrabarti, Dacca.	.....	2854
" 24th	12	16mo dy 2nd ...		3,000	ditto ...	0 1 0	Bihárikanta Chanda, Matta, district My-mensingh.	Easy descriptive and didactic lessons in verse.	2855
1884.									
Jan., 10th	250	12mo ...		1,500	ditto ...	0 4 0	Trailokyanáth Datta, 117, Chitpur Road, Calcutta.	Contains a metrical version of some of Jiba Goswami's writings describing the early sports of Krishna. A popular Baisnaba work.	285
Dec., 28th	930	8vo ...		3,000	ditto ...	0 12 0	This is Kásidás's well-known popular version.	2
" 20th	1,360	8vo ... 1st ...		1,000	ditto	1 8 0	ditto ditto	2

1	2	3	4	5	6	7
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						BENGALI
	RELIGION—continued.					
2859	Subachanir Bratakathá. The story related on the occasion of the Brata performed in honour of the goddess Subachani (R).	Bengali	Mahesh Chandra Bhattachárya	Religion, H.	Printed and published at 140, Chitpur Road, Calcutta.	Printed by Ganesh Chandra Ghosh, and published by Nrisinha Kumár Ghosh.
2860	Satyanáráyaner Pánehali. A Metrical story of the god Satyanáráyan (R).	ditto	Mahesh Chandra Dás.	ditto	Ditto	Ditto
2861	Tattwa-kathá. Of Religious Truth. No. 1.	ditto	Keshab Chandra Bidyáratna.	ditto	Printed and published at Berhampore.	Printed by Keshab Chandra Bidyáratna, and published by Bhagabán Chandra Ráya.
2862	Tulasir Máhátmya. The Divine Excellence of the Tulasi Plant.	ditto	Iswar Chandra Náth.	ditto	Printed and published at Sherpur.	Printed by Tamizuddin, and published by Dinabandhu Náth.
2863	Ramayan. No. 22. (T.)	ditto	Translated by Krishna Gopál Bhaktá.	ditto	Printed and published at 15, Gopikrishna Pál's Lane, Calcutta	Printed and published by Jogendranath Bidyáratna.
2864	Ditto No. 23. (T.)	ditto	ditto	ditto	ditto ditto	ditto ditto
2865	Jaimini Bhárat. No. 5. (T.)	ditto	Translated by Rohininandan Sarkár.	ditto	Printed and published at 2, Abhaya Charan Basu's Lane, Calcutta.	Printed by Haridás Máná, and published by Chandra Náth Basu.
2866	Ditto. No. 6. (T.)	ditto	ditto	ditto	ditto ditto	ditto ditto
2867	Ditto. No. 7. (T.)	ditto	ditto	ditto	ditto ditto	ditto ditto
2868	Ditto. No. 8. (T.)	ditto	ditto	ditto	ditto ditto	ditto ditto
2869	Agni Purán. One of the eighteen Purans. No. 5. (T.)	ditto	ditto	ditto	ditto ditto	ditto ditto
2870	Sachitra Ramayan. The Illustrated Ramayan. No. 34. (T.)	ditto	Translated by Ashutosh Chakrabarti.	ditto	Printed and published at 92, Bowbazar Street, Calcutta.	Printed by Bámácharan Majumdár, and published by Aghornáth Barát.
2871	Ditto. ditto. No. 35. (T.)	ditto	ditto	ditto	ditto ditto	ditto ditto
2872	Ditto. ditto. No. 36. (T.)	ditto	ditto	ditto	ditto ditto	ditto ditto
2873	Ditto. ditto. Nos. 37 and 38 (together). (T.)	ditto	ditto	ditto	ditto ditto	ditto ditto
2874	Adhyátma Ramayan. The Ramayan in a spiritual form. No. 6. (T.)	ditto	Translated by Balái Chánd Goswámi.	ditto	Printed at 117, Chitpur Road, and published at 74, Balarám De's Street, Calcutta.	Printed by Jogendranáth Basu, and published by Dwaraká Náth Chandra & Co.
2875	Adhyátma Ramayan. The Ramayan in a spiritual form. (T.)	ditto	Translated by Káli Prasanna Banerji.	ditto	Printed and published at 140, Chitpur Road, Calcutta.	Printed by Ganesh Chandra Ghosh, and published by Báneswar Ghosh.

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BOOKS—continued.						Rs. A. P.			
1883.	Pag								
Dec., 10th	12	12mo ...	2nd ...	1,000	Printed	0 2 6	Nrisinhakumār Ghosh, Calcutta.	Subachani or the goddess Durga is worshipped every year by Bengali women in a private or domestic style with the object of keeping that goddess in good humour, and securing domestic peace and prosperity. The story which is related on the occasion of this worship represents the goddess as possessing immense power over the destinies of men and favorably inclined to those who worship her with faith and reverence.	2859
Dec., 7th	20	12mo ...	3rd ...	1,000	ditto ...	0 3 0	Ditto ...	Contains stories illustrative of the power of the god Satyanārāyan over the fortunes of men, the dangers which they incur by neglecting him, and the advantages which they may secure by worshipping him.	2860
1884.									
Jan., 1st	8	8vo ...	1st ...	1,000	ditto ...	0 1 3	.....	This is a serial publication in which the author proposes to give a catechistic exposition of that form of Hindu religious and philosophical belief according to which there is only one real existence. The author says that his work is based on the writings of Sankarāchārya.	2861
" 20th	23	12mo dy.	1st ...	1,000	ditto ...	0 1 6	Iswar Chandra Nāth, Chandra-pontal in Sub-division Tangail.	Describes the divine qualities which, according to the Purans, belong to the <i>Tulasi</i> plant, and the religious merit which may be acquired by worshipping it and nursing it with care and devotion.	2862
1883.									
Dec., 21st	32	4to ...	1st ...	1,500	ditto ...	0 6 0	Krishna Bhakta, Calcutta.	Goes on with the <i>Aranya Kānda</i>	2863
1884									
Jan., 2nd	24	4to ...	1st ...	1,500	ditto ...	0 6 0	ditto ...	The <i>Aranya Kānda</i> is finished in this number.	2864
" 2nd	64	8vo ...	1st ...	1,000	ditto ...	0 4 0	.....	.....	286
" 10th	64	8vo ...	1st ...	1,000	ditto ...	0 4 0	.....	.....	286
" 18th	64	8vo ...	1st ...	1,000	ditto ...	0 4 0	.....	.....	286
" 28th	64	8vo ...	1st ...	1,000	ditto ...	0 4 0	.....	.....	286
" 20th	24	8vo ...	1st ...	1,000	ditto ...	0 3 0	.....	.....	286
1883.									
Dec., 21st	48	8vo ...	1st ...	1,000	ditto ...	0 4 0	Aghornāth Barāt, 12, Patsaldanga Street, Calcutta.	Goes on with the War Canto	2
" 29th	48	8vo ...	1st ...	1,000	ditto ...	0 4 0	ditto ...	ditto ditto	...
1884.									
Jan., 2nd	48	8vo ...	1st ...	1,000	ditto ...	0 4 0	ditto ...	ditto ditto	...
" 21st	96	8vo ...	1st ...	1,000	ditto ...	0 4 0	ditto ...	ditto ditto	...
" 17th	48	8vo ...	1st ...	1,050	ditto ...	.....	.....	Copious notes are given explaining the meanings of words, philosophical terms, references of all kinds, &c.	3
1883.									
Dec. 15th	576	8vo ...	2nd ...	500	ditto ...	3 4 0	Bāneswar Ghosh, Calcutta.	Contains a somewhat free but on the whole faithful translation of the whole of the <i>Adhyātm Ramayan</i> . The nature of the work has been often explained	

CATALOGUE OF BOOKS for the First

1	2	3	4	5	6	7
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						BENGALI
	RELIGION—continued.					
2876	Korán Sharif. The Great Korán. Vol. II. No. 6. (T).	Bengali	Translated by Girish Chandra Sen.	Religion, M.	Printed and published at 6, College Square, Calcutta.	Printed and published by Rámsarbasya Bhattachárya.
2877	Ditto ditto Vol. II. No. 7. (T).	ditto	ditto	ditto	ditto ditto	ditto ditto
2878	Brahma Dharma Gitá. The Song of the Brahmo Dharma. Part I.	ditto	Priya Náth Sás-tri.	Religion, B.	Printed and published at the Adi Brahmo Samaj Press, Calcutta.	Printed and published by Kálidás Chakrabarti.
2879	Brahma Dharma. The Brahmo Religion.	ditto	Debendra Náth Tagore.	ditto	ditto ditto	ditto ditto
2880	Luka Likhita Susamá-chár. The Gospel of St. Luke. (T).	ditto	Translated by Rev. G. H. Rouse.	Religion, C.	Printed at the Baptist Mission Press, and published at 23, Chauringhi Road, Calcutta.	Printed by Rev. J. W. Thomas, and published by the Calcutta Auxiliary Bible Society.
2881	Johan Likhita Susamá-chár. The Gospel of St. John. (T).	ditto	ditto	ditto	ditto ditto	ditto ditto
2882	Márka Likhita Susamá-chár. The Gospel of St. Mark. (T).	ditto	ditto	ditto	ditto ditto	ditto ditto
2883	Ditto ditto. (T).	ditto	ditto	ditto	ditto ditto	ditto ditto
2884	Johan Likhita Susamá-chár. The Gospel of St. John. (T).	ditto	ditto	ditto	ditto ditto	ditto ditto
2885	Parama Charit. The Noblest Life.	ditto	Rev. W. R. James.	ditto	ditto ditto	Printed by Rev. J. W. Thomas, and published by the Calcutta Christian Tract and Book Society.
2886	Bhayának Bhumikampa. Dreadful Earthquake.	ditto	Rev. G. H. Rouse.	ditto	ditto ditto	ditto ditto
2887	Darpaner Kathá. Of the looking-glass.	ditto	ditto	ditto	ditto ditto	ditto ditto
2888	Andha Bhikhári. The Blind Beggar.	ditto	ditto	ditto	ditto ditto	ditto ditto
2889	Boná O Kátá. Sowing and Reaping.	ditto	ditto	ditto	ditto ditto	ditto ditto

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BOOKS—continued.						Rs. A. P.			
1883.	Pages.								
Dec., 8th	32	8vo	... 1st ...	1,000	Printed	0 4 0	Girish Chandra Sen, 6, College Square, Calcutta.	2876
1884.									
Jan. 14th	32	8vo	... 1st ...	1,000	ditto	0 4 0	ditto	.....	2877
1883.									
Dec. 31st	364	8vo	... 1st ...	1,000	ditto	1 8 0	.....	This is a metrical version of a Bengali prose work by Babu Debendra Nath Tagore, entitled <i>Brahma Dharma Byakhyān</i> , which contains an exposition of the Brahmo religion.	2878
1884.									
Jan. 22nd	351	8vo	... 5th ...	1,000	ditto	0 8 0	Adi Brahmo Samaj, 55, Upper Chitpur Road, Calcutta.	This volume consists of two parts, in the first of which the nature of the Supreme Being is explained on the authority of certain texts taken from the	2879
Upanishads, and in the second, advice for the guidance of life and conduct is given in accordance with the precepts of the Hindu Shastras.									
1883.									
Dec. 27th	88	8vo	... ..	2,000	ditto	.....	Calcutta Auxiliary Bible Society, Calcutta.	.....	2880
1884.									
Jan. 15th	104	16mo	... ..	10,000	ditto	.....	ditto	.....	2881
1883.									
Dec. 24th	74	16mo	... ..	10,000	ditto	.....	.....	"Presented with best wishes by the Calcutta Bible Society to the visitors to the International Exhibition of 1883-84."	2882
1884.									
Jan. 31st	74	16mo	... ..	10,000	ditto	.....	Calcutta Auxiliary Bible Society, 23, Chauringhi Road, Calcutta.	This is apparently another edition of the last mentioned work.	2883
Jan., 11th	68	8vo	... ..	2,000	ditto	.....	ditto	.....	2884
1883.									
Dec., 22nd	12	12mo	... 3rd ...	10,000	ditto	.....	Calcutta Christian Tract and Book Society, 23, Chauringhi Road, Calcutta.	Contains a brief account of Jesus Christ in a catechistic form.	2885
1884.									
Jan., 7th	4	12mo	... 1st ...	10,000	ditto	.....	ditto	Death may be very sudden and men should be therefore always prepared for it by believing in Jesus Christ.	2886
" 10th	4	12mo	... 1st ...	10,000	ditto	.....	ditto	As the defects of the face may be seen in a looking-glass so the	2
defects of the soul may be seen in the Bible. But the Bible is in one point superior to the looking-glass, because, besides exposing defects, it points out how defects may be removed. Faith in Jesus Christ is of course represented as the principal means of removing the defects of the soul.									
" 10th	4	12mo	... 1st ...	10,000	ditto	.....	ditto	Jesus Christ can give not only physical but spiritual sight.	8
The analogy is based on the story of a blind man who was cured of his blindness by Jesus Christ.									
" 30th	4	12mo	... 1st ...	7,000	ditto	ditto	A parable written to illustrate the saying that a man reaps according as he sows.	7

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BENGALI						
	RELIGION—concluded.					
2890	Swarger Dwára. The Door of Heaven.	Bengali	Rev. G. H. Rouse.	Religion C.	Printed at the Baptist Mission Press, and published at 23, Chauringhi Road, Calcutta.	Printed by Rev. J. W. Thomas, and published by the Calcutta Christian Tract and Book Society.
2891	Asala Dhana. The Real Wealth.	ditto	ditto	ditto	ditto	ditto
2892	Krishna	ditto	ditto	ditto	ditto	ditto
2893	Pratimá-pujá. Idol-worship.	ditto	ditto	ditto	ditto	ditto
	SCIENCE (MATHEMATICAL)					
	<i>The following works are designed for educational purposes.</i>					
2894	Dhárápát. Arithmetical Tables.	ditto	Bámácharan Chakrabarti.	Science (mathematical).	Printed and published at 140, Chitpur Road, Calcutta.	Printed by Ganesh Chandra Ghosh, and published by Nrisinhakumár Ghosh.
2895	Ditto	ditto	Nandalál Ráya.	ditto	Printed and published at 117, Chitpur Road, Calcutta.	Printed and published by Trailokyanath Datta.
2896	Ditto	ditto	Dwárakánáth Pál.	ditto	Printed and published at 24, Girish Bidyáratna's Lane, Calcutta.	Printed and published by Harish Chandra Kabi-ratna.
2897	Kshetra-tattwa. Geometry.	ditto	Mohan Chandra Basák.	ditto	Printed and published at 8, Dixon's Lane, Calcutta.	Printed and published by Bihárilál Chakrabarti.
2898	Ditto	ditto	Bhudeb Mu-kharji.	ditto	Printed at the Baptist Mission Press, and published at 7, Dacre's Lane, Calcutta.	Printed by the Rev. J. W. Thomas, and published by the Calcutta School Book Society.
	SCIENCE (NATURAL AND OTHER.)					
	<i>The following works are designed for educational purposes.</i>					
2899	Saral Sarir Pálaner Pras-nottar. Catechism of Saral Sarir Pálan.	ditto	Srináth Bhattá-chárya.	Science (natural)	Printed and published at Mymensingh.	Printed and published by Nabin Chandra Chakrabarti.
2900	Senetari Práimárer Pras-nottar. Catechism of Dr. Cunningham's Sanitary Primer.	ditto	Bihárikánta Chanda.	ditto	ditto	ditto
2901	Prákritik Bhugoler Pras-nottar. Catechism of Physical Geography.	ditto	Mahesh Chandra Gupta.	ditto	Printed and published at the Sinha Press, Comillah.	Printed and published by Sashi Bhusan Dás.
2902	Jara Bijñán. Physical Science.	ditto	Bisweswar Basu.	ditto	Printed and published at Burrisal.	Printed by Bisweswar Ghosh, and published by Bisweswar Basu.
2903	Saral Sarir Pálaner Pras-nábalí o táhár Uttara. A Catechism of Saral Sarir Pálan.	ditto	Jogesh Chandra Chakrabarti.	ditto	Printed at 37, Meehuá-bazar Street, Calcutta, and published at Dacca.	Printed by Sarach Chandra Deb, and published by Matilál Chakrabarti.

Quarter ending 31st March 1884—continued.

8	9	10	11	12	13	14	15	16	
Date of issue from the press, or place of publication.	Number of sheets, leaves, or pages.	Size.	First, second, or other edition.	Number of copies of which the edition consists.	Printed or lithographed.	Price at which the book is sold to the public.	Name and residence of proprietor of copyright, or any portion of it.	REMARKS.	N
BOOKS—continued.							Rs A. P.		
1884.	Pages.								
Jan., 30th	4	12mo ...	1st ...	7,000	Printed	.....	Calcutta Christian Tract and Book Society, 23, Chauringhi Road, Calcutta.	The door to Heaven is so narrow that no man with a load of sin or pride or anything of that kind on his head or shoulders can pass through it. They who	
								desire to enter into Heaven must therefore seek the help of Jesus Christ who is alone able to take off men's earthly burdens.	
" 30th	4	12mo ...	1st ...	7,000	ditto ...	.....	ditto	The real wealth of a man or woman is not money or gold or ornaments, but salvation through faith in Jesus Christ.	
" 11th	12	12mo ...	1st ...	5,000	ditto ..	.....	ditto	Compares Krishna with Christ in order to show that it is only the latter and not the former who can be regarded as the true saviour of men.	
" 24th	12	12mo ...	4th ...	1,000	ditto ...	.....	ditto	.....
1883.									
Dec., 6th	20	12mo ...	3rd ...	1,000	ditto ...	0 1 0	Nrisinhakumār Ghosh, Calcutta.	Contains the ordinary indigenous calculation tables and a few weights and measures.	
1884.									
Jan., 2nd	20	12mo ...	1st ...	3,000	ditto ...	0 1 0	Trailokyanath Datta.	ditto ditto	
1883.									
Dec., 31st	34	12mo ...	8th ...	2,000	ditto ...	0 1 3	Dwārakānāth Pāl, Dacca.	ditto ditto	
" 26th	170	12mo ...	3rd ...	3,000	ditto ...	0 8 0	Mohan Chandra Basāk, Dacca.	The first book with easy explanatory notes, exercises, &c.	
1884.									
Feb., 5th	196	12mo ...	7th ...	3,000	ditto ...	.....	Calcutta School Book Society, Calcutta.	The first three books	
1883.									
Dec., 13th	23	12mo dy.	1st ...	2,000	ditto ...	0 2 0	Srināth Bhattāchārya, My-mensingh.	Gives a brief catechistic exposition of Dr. Jadunāth Mukharji's <i>Saral Sarir Pālan</i> and the meanings of several words.	
1884.									
Feb., 17th	12	16mo rl.	3rd ...	3,000	ditto ...	0 1 0	Bihārikānta Chanda, Mata, District, Dacca	.....
1884.									
Feb., 13th	67	12mo. dy.	1st ...	1,000	ditto ...	0 6 0	.....	Contains a brief catechistic exposition of physical geography.	
Jan., 20th	88	9"×6"	1st ...	1,000	ditto ..	0 3 0	.....	Describes in an elementary form the properties of matter and the fundamental laws of motion.	
1883.									
Dec., 10th	34	12mo. ...	2nd ...	3,000	ditto ...	0 2 0	Matilāl Chakrabarti, Dacca.	Contains a catechistic exposition of Dr. Jadunāth Mukharji's <i>Saral Sarir Pālan</i> .	

CATALOGUE OF BOOKS for the First

1	2	3	4	5	6	7
ber.	Title (to be translated into English when the title-page is not in that language).	Language in which the book is written.	Name of author, translator, or editor of the book, or any part of it.	Subject.	Place of printing and place of publication.	Name or firm of printer, and name or firm of publisher.
						BENGALI
	SCIENCE—concluded.					
14	Dáktár Kaninhám Krita Swásthýarakshár Prathampustaker Prasnottar. A Catechism of Dr. Cunningham's Sanitary Primer.	Bengali	Jogeschandra Chakrabarti.	Science (natural)	Printed at 37, Machua-bazar Street, Calcutta, and published at Dacea.	Printed by Sarachandra De, and published by Matilál Chakrabarti.
15	Padártha-Bidyár Prasnottar o Prasnábali. A Catechism of and a collection of questions on Padártha Bidyá.	ditto	Matilál Chakrabarti.	ditto	ditto ditto	ditto ditto
	TRAVELS AND VOYAGES.					
3	Iurope Tina Batsara. Three years in Europe. (T).	ditto	Translated by Romesh Chunder Dutt, c.s.	Travels	Printed and published at 37, Mechua-bazar Street, Calcutta.	Printed by Sarach Chandra Deb, and published by Gurudás Chatterji.
						ENGLISH
	ART.					
1	Scrap Book	English	Calcutta Art Studio Co.	Art	Printed at 12, Bentinck Street, Calcutta; place of publication not given.	Printed by Thomas S. Smith, and published by the Calcutta Art Studio Co.
	DRAMA.					
1	Hirimba's Wedding	ditto	Trailokyanáth Dás.	Drama	Printed and published at the Mission Press, Midnapore.	Printed and published by Z. F. Griffin.
	FICTION.					
1	Three Ways of Living	ditto	.....	Fiction	Printed and published at 71, Bentinck Street, Calcutta.	Printed by C. S. Boileau, and published by Lewis and Co.
1	Pilgrim of Love	ditto	.....	ditto	ditto ditto	Printed by E. K. Johnson, and published by Lewis and Co.
	HISTORY (including Geography.)					
3	Annals and Antiquities of Rajasthan. Vol. II. No. 10. (R.)	ditto	Lieutenant-Colonel James Tod.	History	Printed at 134, Amherst Street, and published at 8, Patalaúgá Street, Calcutta.	Printed by Abhaya Charan Basu, and published by Brajendralál Dás.
	The following works are designed for educational purposes.					
1	De's Geography of Orissa.	ditto	Kumár Baikuntha Náth De.	ditto	Printed and published at the Balasore De's Utkal Press.	Printed by Káliprasád Dás, and published by Kumár Baikuntha Náth De.
1	An Epitome of the History of India.	ditto	Upendranáth Chatterji.	ditto	Printed and published at 12, Bentinck Street, Calcutta.	Printed and published by Thomas S. Smith.
1	Indian History made easy.	ditto	Robert Hawthorne.	History	Printed and published at 19, Lalbazar, Calcutta.	Printed and published by C. J. A. Pritchard.

LIBRARY.

Quarter ending 31st March 1884—continued.

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Date of issue from the press, or place of publication.	Number of sheets, leaves, or pages.	Size.	First, second, or other edition.	Number of copies of which the edition consists.	Printed or lithographed.	Price at which the book is sold to the public.	Name and residence of proprietor of copyright, or any portion of it.	REMARKS.	No.
BOOKS—concluded.						Rs. A. P.			
1883.	Pages.								
Dec., 13th	27	12mo. ...	2nd ...	3,000	Printed	0 2 0	Matilál Chakrabarti, Dacca.	.....
" 25th	70	12mo. ...	4th ...	2,000	ditto ...	0 6 0	ditto ...	An easy work on the properties of matter, intended for children reading for the middle English and vernacular scholarship examinations.	
1884.									
Jan., 4th	99	8vo. ...	2nd ...	1,000	ditto ...	0 8 0	Gurudás Chatterji, Calcutta.	This is a Bengali translation of a book of travels written in English by Mr. R. C. Dutt under the title of "Three years in Europe," and containing an account of Mr. Dutt's own travels in England, Scotland, and other European countries.	
BOOKS.									
1884.	Pages.								
Jan. 15th	15	4to ...	1st ...	100	ditto ...	10 0 0	Calcutta Studio Co.	Art Contains fifteen mythological pictures, the scenes represented in each being briefly explained in English.	
Mar. 11th	18	8vo ...	1st ...	250	ditto ...	4½ pence	Trailokyanáth Dás, Midnapore.	Describes in the form of a dialogue the story of the marriage of the giantess Hirimbá with Bhima, the second of the five Pándava brothers.	
1883.									
Dec. 30th	28	16mo ...	2nd ...	1,000	ditto ...	0 8 0	Amritálal De, 69, Ahiritola Street, Calcutta.	See non-educational English pamphlet No. 131 in the Catalogue for the fourth quarter of 1880.	
" 29th	27	16mo ...	1st ...	1,000	ditto ...	0 8 0	ditto ...	A love story related in a jocose style and composed of many grotesque and improbable incidents.	
" 21st	64	8vo ...	1st ...	2,500	ditto ...	0 4 0	.....	.....
1884.									
Feb. 16th	23	12mo ...	1st ...	1,000	ditto ...	.....	.....	Designed for the use of English schools in Orissa.	
Jan. 12th	105	12mo ...	1st ...	2,000	ditto ..	0 10 0	Upendranáth Chatterji.	Designed for students preparing for the Entrance Examination.	
Jan., 1st	53	8vo. ...	1st ...	1,000	ditto ...	1 0 0	Robert Hawthorne, 24, Wellesley Square, Calcutta.	This work, which is intended for students preparing for the Entrance Examination is described by the author as being "strictly a cram-book for students."	

BENGAL

CATALOGUE OF BOOKS for the First

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ber.	Title (to be translated into English when the title page is not in that language).	Language in which the book is written.	Name of author, translator, or editor of the book or any part of it.	Subject.	Place of printing and place of publication.	Name or firm of printer and name or firm of publisher.
	LANGUAGE.					ENGLISH
	<i>The following works are designed for educational purposes.</i>					
32	A Key to the Companion Reader.	English	S. P. Ghosh ...	Language	Printed at 42, Nebutolá Lane, and published at 14, College Square, Calcutta.	Printed by Nilmani Ghosh, and published by S. K. Láhiri & Co.
3	Notes on Dowden's Sonnet.	ditto	Nritya Gopál Mukharji, M.A.	ditto	Printed and published at 14, Duff Street, Calcutta.	Printed and published by P. M. Sur & Co.
4	English Spelling Book ...	ditto	.....	ditto	Printed at the Baptist Mission Press, and published at the Calcutta School Book Society.	Printed by Rev. G. H. Rouse, and published by the Calcutta School Book Society.
	LAW.					
	Byabasthá Darpan. The Mirror of Law.	ditto	Syámá Charan Sarkár.	Law	Printed at 249, Bowbazar Street, and published at 70, Jan Bazar Street, Calcutta.	Printed by I. C. Basu & Co., and published by Dinanáth Sarkár.
	Notes of cases decided upon points of Civil Procedure No. 10.	ditto	L. Broughton...	ditto	Printed at 4, Portuguese Church Street, and published at 3, Outram Street, Calcutta.	Printed by C. Goubert, and published by L. Broughton.
	Ditto No. 11	ditto	ditto	ditto	ditto	ditto
	Ditto No. 12	ditto	ditto	ditto	ditto	ditto
	Opinions of Mofussil Landholders on the Bengal Tenancy Bill.	English	Compiled by Pyári Mohan Mukharji.	Law	Printed and published at the Hindu Patriot Press, Calcutta.	Printed and published by Umesh Chandra Nandi.
	Macnaghten's Principles of Mohammadan Law (R).	ditto	Edited by Prasanna Kumár Sen.	ditto	Printed and published at the Law Press, Serampore.	Printed and published by Mádhav Chandra Ghosh.
	A collection of Judgments in suits regarding Easement, Prescription and User.	ditto	Prasanna Kumár Sen.	ditto	ditto	ditto
	Causes not actionable ...	ditto	ditto	ditto	ditto	ditto
	The Regulations of the Bengal Code prescribed for the B. L. Pleader-ship and Mooktearship Examinations.	ditto	ditto	ditto	ditto	ditto
	The Principles of the Indian Penal Code as explained by the original framers in 1837. Part I. (R).	ditto	ditto	ditto	ditto	ditto
	The Art of Advocacy ...	ditto	ditto	ditto	ditto	ditto
	MEDICINE.					
	Bibliotheca Indica. New Series, No. 500. The Susruta. Sanhitá or the Hindu system of Medicine according to Susruta. Fasc. II. (T.)	ditto	Translated by Udaya Chánd Datta.	Medicine, N.	Printed at the Baptist Mission Press, and published at 57, Park Street, Calcutta.	Printed by Rev. J. W. Thomas, and published by the Asiatic Society.

LIBRARY.

Quarter ending 31st March 1884—continued.

8	9	10	11	12	13	14	15	16	1
Date of issue from the press, or place of publication.	Number of sheets, leaves, or pages.	Size.	First, second, or other edition.	Number of copies of which the edition consists.	Printed or lithographed.	Price at which the book is sold to the public.	Name and residence of proprietor of copyright, or any portion of it.	REMARKS.	Num
BOOKS—continued.						Rs. A. P.			
1884	Pages.								
Jan., 1st	132	12mo. ...	1st ...	1,000	Printed	.....	.....	.....
1883									
Dec., 5th	156	8vo. ...	1st ...	500	ditto ...	1 4 0	Nritya Gopal Mukharji, Calcutta.	.....
1884									
Jan., 12th	100	2mo. ...	...	6,000	ditto ...	.....	Calcutta School Book Society, 7, Dacre's Lane, Calcutta.	A prime ...	
1883									
Dec., 11th	1761	8vo. ...	3rd ...	1,000	ditto ...	14 0 0	Dinanáth Sarkár, 70, Jan Bazar Street, Calcutta.	A well-known work on the Hindu law.	
" 24th	48	8vo. ...	1st ...	1,000	ditto ...	2 0 0	L. Broughton, 3, Outram Street, Calcutta.	.....
1884									
Jan., 10th	48	8vo. ...	1st ...	1,000	ditto ...	2 0 0	ditto ditto ...	.....
" 26th	48	8vo. ...	1st ...	1,000	ditto ...	2 0 0	ditto ditto ...	.....
Jan. 1st	142	8vo ...	1st ...	500	Printed	Nil	British Indian Association, 18, British Indian Street, Calcutta.	This compilation is made from the communications which have been made by the Central Committee of the Landholders of Bengal and Behar.	
March 3rd	264	8vo dy.	2nd ...	200	ditto ...	4 0 0	Prasanna Kumár Sen, Konnagar, near Serampore.	.....
1883.									
Dec. 10th	36	8vo dy.	1st ...	400	ditto ...	0 4 0	ditto ...	.....
" 8th	12	8vo dy.	1st ...	400	ditto ...	0 2 0	ditto ...	Gives a few general principles of law and some rulings of the Indian Courts explaining where a suit will lie and where it will not.	
" 15th	84	8vo rl.	1st ...	300	ditto ...	0 6 0	ditto ...	.....
" 20th	29	8vo rl.	1st ...	250	ditto ...	0 8 0	ditto ...	Contains the explanations of the Law Commissioners on the chapter of the Penal Code which relates to offences against property and on that which treats of offences relating to marriage.	
" 8th	8	8vo dy.	1st ...	400	ditto ...	0 2 0	ditto ...	This pamphlet consists of a few extracts from a lecture on "The Art of Advocacy" by Mr. Macrae.	
" 31st	96	8vo ...	1st ...	500	ditto ...	.....	The Asiatic Society of Bengal, 57, Park Street, Calcutta.	.....

CATALOGUE OF BOOKS for the First

1	2	3	4	5	6	7
Number.	Title (to be translated into English when the title-page is not in that language).	Language in which the book is written.	Name of author, translator, or editor of the book, or any part of it.	Subject.	Place of printing and place of publication.	Name or firm of printer, and name or firm of publisher.
						ENGLISH
MISCELLANEOUS.						
577	Miss Pigot's Appeal ...	English	Miss Pigot ...	Miscellaneous.	Printed at 14, Duff Street, and published at* 15, British India Street, Calcutta.	Printed by P. M. Sur & Co., and published by Miss Pigot.
3578	Indo-Anglian Literature	ditto ...	.....	ditto ...	Printed and published at Thacker, Spink & Co's Press, Calcutta	Printed and published by Thacker, Spink & Co.
4	the compiler observes as follows :—"The selections which are brought together in this volume, and published for may, therefore, possess some slight historical value. The mere mistakes in grammar and diction are not in themselves which they afford of the native character. Nothing perhaps is more noticeable than the curious mixture of self-lower classes upon the patronage of those above them in rank, and the insatiable hunger which exists for official					
579	The Hindus as they are.	ditto ...	Shib Chandra Basu.	ditto ...	ditto ditto ...	ditto ditto ...
580	Rules of the Baraset Association.	ditto ...	Rasiklál Banerji.	ditto ...	Printed and published at the Sáhitya Sudhákár Press, Bhowanipore.	Printed by Aghornáth Ghosál and published by Rasiklál Banerji.
81	Calcutta International Exhibition 1883-84. Official catalogue.	ditto ...	.....	ditto ...	Printed and published at 4, Dalhousie Square, Calcutta.	Printed and published by W. Newman & Co.
82	The Exhibition Guide to Calcutta.	ditto ...	.....	ditto ...	ditto ditto ...	ditto ditto ...
33	The Land Revenue system of India.	English	J. Seymour Keay.	ditto ...	Printed and published at the Englishman Press, 9, Hare Street, Calcutta.	Printed and published by S. N. Banerji.
4	Guide to the Calcutta Zoological Gardens.	ditto ..	.....	ditto ...	Printed and published at 12, Bentinck Street, Calcutta.	Printed and published by Thomas S. Smith.
5	Selections from the Calcutta Review. No. 35.	ditto ...	Compiled by Thomas Smith.	ditto ...	ditto ditto ...	ditto ditto ...
6	Ditto ditto. No. 36.	ditto ...	ditto	ditto ...	ditto ditto ...	ditto ditto ...
POETRY.						
7	Reminiscences of a workman's life.	ditto ...	R. C. Dutt, c.s.	Poetry ...	Printed at 249, Bowbazar Street.	Printed by I. C. Basu & Co.
8	Select Poems of Catullus (T).	ditto ...	Translated by A. P. Howell.	ditto ...	Printed and published at Thacker, Spink & Co's Press, Calcutta.	Printed and published by Thacker, Spink & Co.
RELIGION.						
9	A Discourse on the Nature and Progress of Theism.	ditto ...	O. C. Sen	Religion, B.	Printed and published at 81, Báranasi Ghosh's Street, Calcutta.	Printed and published by Manimohan Rakshit.
0	God's Treasury. Part I,	ditto ..	Krishnadás Basák.	ditto ...	Printed and published at the Dacca E. B. Press.	Printed and published by Krishnadás Basák.

LIBRARY.

Quarter ending 31st March 1884—continued.

8	9	10	11	12	13	14	15	16
Date of issue from the press or place of publication.	Number of sheets, leaves, or pages.	Size.	First, second, or other edition.	Number of copies of which the edition consists.	Printed or lithographed.	Price at which the book is sold to the public.	Name and residence of proprietor of copyright, or any portion of it.	REMARKS.
BOOKS—continued.						Rs. A. P.		
1884.	Pages.							
Jan., 8th	15	12mo ...	1st ...	1,000	Printed	Nil	Miss Pigot, 15, British India Street, Calcutta.	Contains a brief account of the career of Miss Pigot and a defence of her character based on new paper testimony and the opinions of the gentlemen with whom her occupation brought her into contact.
1883.								
Dec., 17th	103	.....	1st ...	500	ditto ...	0 12 0	.....	A curious collection of papers for employment, extracted from answers written at examinations, &c., regarding
private circulation, are examples of a class of literature which will not improbably soon become extinct. The chief interest which these selections possess consists in the abasement and vanity which many of the writers exhibit, while the habitual dependence of the middle employment, are plentifully illustrated."								
" 22nd	343	8vo ...	2nd	1,000	ditto ...	5 0 0	Shib Chandra Basu.	A chapter is added in this on married life in Bengal.
" 3rd	6	8vo dy.	1st ...	500	ditto ...	Nil	Rasiklal Banerjee, Baraset.	"The great aim and object of the Baraset Association is for the present, to seek the welfare of the inhabitants of the Municipality of Baraset."
1884.								
Jan., 10th	436	8vo ...	3rd ...	4,500	ditto ...	0 0	W. Newman & Co., Ltd., 4, Dalhousie Square, Calcutta.	.....
" 16th	82	8vo ...	1st ...	2,000	ditto ...	0 8 0	ditto	Contains a brief historical account of Calcutta with a description of its public buildings, churches and temples, educational institutions and literary societies, &c., for the use of visitors to Calcutta at the late Exhibition.
1884.								
Jan., 17th	19	8vo ...	1st ...	500	ditto ...	0 8 0	J. Seymour Keay, Great Eastern Hotel, Calcutta.	A well-known address recently delivered in Calcutta with view of showing that the revenue assessment in temporarily-settled provinces of British India is ruining the Indian peasantry, and that India is gradually becoming poorer under British rule.
Jan., 10th	181	8vo ...	1st ...	450	ditto ...	1 8 0	Dr. J. Anderson.	.....
1883								
Dec., 28th	116	8vo ...	1st ...	350	ditto ...	1 8 0	Thomas S. Smith, Calcutta.	.....
1884								
Jan., 26th	118	8vo ...	1st ...	350	ditto ...	1 8 0	ditto	.....
" 14th	45	8vo ...	1st	102	ditto ...	Nil	R. C. Dutt, c.s., Burrisal.	A volume of small poems intended only for private circulation.
1883.								
Dec., 6th	113	.....	1st ...	500	ditto ...	3 8 0	A. P. Howell.	.....
1884.								
Jan., 4th	25	12mo ...	1st ...	500	ditto ...	0 3 0	.....	Contains "the substance of the anniversary address delivered at the Barisal Brahmo Samaj on the 24th January 1882."
1883.								
Dec., 29th	48	16mo ...	1st ...	175	ditto ...	0 2 0	Krishnadās Basak, Dacca.	A tract on the nature and functions of faith.

1	2	3	4	5	6	7
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	ENGLISH					
	RELIGION—concluded.					
57	Napoleon Bonaparte's English Testimony to the Divinity of Christ.	English	Religion, C.	Printed at the Baptist Mission Press, and published at the Calcutta, C. T. and B. Society, Calcutta.	Printed by Rev. G. H. Rouse, and published by the Calcutta C. T. and B. Society.
	The Mahabharat. Part IV. (T).	ditto	Translated by Pratáp Chandra Rāya.	ditto, H....	Printed and published at 367, Upper Chitpur Road, Calcutta.	Printed and published by Pratáp Chandra Rāya.
578	to ditto. Part V. (T).	ditto	ditto	ditto	ditto ditto	ditto ditto
	SCIENCE (MATHEMATICAL).					
	The following work is designed for educational purposes.					
579	Arithmetical Tables of English and Indian Weights and Measures.	ditto	Calcutta School Book Society.	Science (Mathematical).	Printed at the Baptist Mission Press, and published at the Calcutta School Book Society, Calcutta.	Printed by Rev. J. W. Thomas, and published by the Calcutta School Book Society.
580						
	SCIENCE (NATURAL AND OTHER).					
81	The following work is designed for educational purposes.					
82	Synoptical Tables of Modern Chemistry. Vol. I. Part IV.	ditto	Rev. J. B. Dumont.	Science, (Natural.)	Printed at 4 Portuguese Church Street, Calcutta, place of publication not given.	Printed by C. Goubert, and published by Rev. J. B. Dumont.
33	ART.					
	The following works are designed for educational purposes.					
4	Position Drill. (T).	Hindi	Translated by Lieutenant-Colonel A. C. Toker.	Art	Printed at the Baptist Mission Press, Calcutta.	Printed by Rev. J. W. Thomas, and published by Lieutenant-Colonel A. C. Toker.
5	Musketry Sikhne ke Kānun. Rules for Musketry Instruction. (T).	ditto	ditto	ditto	ditto ditto	Printed by Rev. G. H. Rouse, and published by Lieutenant-Colonel A. C. Toker.
6	Kashetramiti. Mensuration. Part I. (T).	ditto	Translated by Lakshmanlal.	ditto	Printed and published at Bankipur.	Printed by Kāshināth Bhattācharya, and published by Lakshmanlal.
	DRAMA.					
7	Ramlilā. The career of Rama. Part II.	ditto	Pandit Dāmodar Sāstri.	Drama	Printed and published at the Khargabilās Press, Bankipur.	Printed and published by Saheb Prasad Sinha.
8						
	HISTORY (INCLUDING GEOGRAPHY).					
	The following works are designed for educational purposes.					
	Bhugol-bodhini. The Geographical Instructor. Part I.	ditto	Lakshmanlal	History	Printed and published at Bankipur.	Printed by Kāshināth Bhattācharya, and published by Lakshmanlal.

LIBRARY.

Quarter ending 31st March 1884—continued.

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BOOKS—concluded.						Rs. A. P.		
1884.	Pages.							
Jan. 14th	12	12mo. ...	3rd ...	5,000	Printed	Calcutta C. T. and Book Society, 23 Chauringhi Road Calcutta.
" 2nd	80	8vo. ...	1st ...	3,000	ditto	Pratāp Chandra Rāya, 367, Upper Chitpur Road, Calcutta.	The translation of the Adi Parva is continued.
" 28th	80	8vo. ...	1st ...	3,000	ditto	ditto ...	ditto ditto ...
1883.								
Dec. 17th	18	12mo.	3,000	ditto	Calcutta School Book Society, 7, Dacre's Lane, Calcutta.
1884.								
Jan. 8th	56	8vo. ...	1st ...	500	ditto ...	2 0 0	Rev. J. B. Dumont, Calcutta.
BOOKS.								
1883.	Pages.							
Dec., 22nd	10	8vo. ...	2nd ...	1,000	ditto ...	0 1 6	Lieutenant-Colonel A. C. Toker, 18, Native Infantry.
1884.								
Jan., 19th	103	8vo.	2,000	ditto ...	0 7 0	ditto
" 15th	128	8vo. ...	2nd ...	2,000	ditto ...	0 8 0	Lakshmanlāl, Bankipur.	Translated from Babu Kshetrānāth Bhattachārya's work on mensuration.
1883.								
Dec., 12th	200	8vo. dy.	3rd ...	200	ditto ...	2 0 0	Ramdin Sinha, Rayapura.	The events described in the second book of the Ramayan are related in the form of a dialogue.
" 21st	120	8vo. ...	2nd ...	2,000	ditto ...	0 6 6	Lakshmanlāl, Bankipur.	Contains a general description of Asia and a detailed description of India.

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ber.	Title (to be translated into English when the title-page is not in that language).	Language in which the book is written.	Name of author, translator, or editor of the book, or any part of it	Subject.	Place of printing and place of publication.	Name or firm of printer, and name or firm of publisher.
	HINDI					
	HISTORY—concluded.					
1	Pratham Bhugol. First Geography. (T).	Hindi	Translated by Ganpat Sinha.	History	Printed and published at Bankipur.	Printed by Káshináth Bhattácharya, and published by Lakshmanlál.
2	Ditto ditto. (T).	ditto	ditto	ditto	ditto ditto	ditto ditto
3	Bhugol Barnan. A description of Geography.	ditto	Ganpat Sinha	ditto	ditto ditto	ditto ditto
	LANGUAGE.					
	<i>The following works are designed for educational purposes.</i>					
4	Bhásabodh. Instruction in Language. Part I.	ditto	Pandit Bihárilál Chanbe.	Language	Printed and published at the Behar Bandhu Press, Bankipur.	Printed and published by Sádhorám Bhatt.
5	Ditto ditto. Part II	ditto	ditto	ditto	Printed at the Baptist Mission Press, Calcutta, and published at Bankipur.	Printed by Rev. G. H. Rouse, and published by Bihárilál Chaube.
6	Barnabinod. A Reader. Part III.	ditto	Chandi Prasad Sinha.	ditto	Printed and published at the Khargabilás Press, Bankipur.	Printed and published by Sahab Prasad Sinha.
7	Ditto ditto. Part IV	ditto	ditto	ditto	ditto ditto	ditto ditto
8	Bhásá Byákarán. A Hindi Grammar.	ditto	Gopál Chandra	ditto	ditto ditto	ditto ditto
9	Stri-sikshá ki Pahali Pustak. First Book for the instruction of girls.	ditto	Saheb Prasad Sinha.	ditto	ditto ditto	ditto ditto
10	Sajjana Bilás. A Reader. Part I.	ditto	ditto	ditto	ditto ditto	ditto ditto
11	Hindi Byákarán. Hindi Grammar.	ditto	Harish Chandra.	ditto	ditto ditto	ditto ditto
12	Hindi Kitáb. Hindi Reader. No. 1.	ditto	Munshi Rádhálál.	ditto	ditto ditto	ditto ditto
13	Hindi Kitáb. Hindi Reader. No. 1.	ditto	Rádhálál	ditto	Printed and published at the Branch Budhodaya Press, Bankipur.	Printed by Káshináth Bhattácharya, and published by Rádhálál.
14	Ditto ditto. No. 2	ditto	ditto	ditto	Printed and published at Bankipur.	ditto ditto
15						
16	Pratham Hindi Byákarán. First Hindi Grammar.	ditto	Harish Chandra.	ditto	ditto ditto	Printed by Káshináth Bhattácharya, and published by Ramdeni Sinha.
17	Sidhi Hindi. An easy Hindi Reader. Part I.	ditto	Baldeo Misra	ditto	ditto ditto	Printed by Káshináth Bhattácharya, and published by Baldeo Misra.
18	Baran-bodh. Alphabetical Primer. Part I.	ditto	Pandit Chhatúrám Tewári.	ditto	ditto ditto	Printed and published by Káshináth Bhattácharya.
19	Ditto ditto. Part I	ditto	ditto	ditto	ditto ditto	ditto ditto
20	Ditto ditto. Part II	ditto	ditto	ditto	ditto ditto	ditto ditto
21	Ditto ditto. Part II	ditto	ditto	ditto	ditto ditto	ditto ditto
22	Sikshá-bodhini. The Instructor.	ditto	Ganpat Sinha	ditto	ditto ditto	Printed by Káshináth Bhattácharya and published by Ganpat Sinha.

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10	11	12	13	14	15	16	17
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	LANGUAGE—concluded.					
272	Bhāṣāsār. Literary Selections. Part I.	Hindi	Saheb Prasad Sinha.	Language	Printed and published at the Khargabilās Press, Bankipur.	Printed by Saheb Prasad Sinha.
273	Ditto. Ditto. Part I.	ditto	ditto	ditto	ditto ditto	ditto
	MISCELLANEOUS.					
274	Kshatriyan ki Utpatti. The origin of the Kshatriyas.	ditto	Harish Chandra.	Miscellaneous.	Printed and published at the Khargabilās Press, Bankipur.	Printed by Saheb Prasad Sinha.
	POETRY.					
275	Bhāratendu Kalā. Poetical Collection.	ditto	Ram' in Sinha.	Poetry	ditto ditto	ditto
276	Khyāl Silosatabanti Kā. Of the Faithful Wife.	ditto	Jagannāth Pujāri.	ditto	Printed at 65-8, Cross Street, and published at 61, Rajāh's Kātrā, Calcutta.	Printed by Ghosh Harin.
	RELIGION.					
277	Remsāgar. The Ocean of Love. Part II (R.)	ditto	Edited by Bhuvan Chandra Basak.	Religion, H.	Printed at 319, Chitpur Road, and published at 8 Nimtalā Ghāt Street, Calcutta.	Printed by Sil, Bh.
278	Stabanābali. A collection of Hymns.	ditto	Rāya Setāb Chand Nāhār.	ditto	Printed and published at Azimgunge.	Printed by P.
279	Sundara Kānda. The Fifth Book of the Rāmāyan. (R.)	ditto	Tulasidās.	ditto	Printed and published at the Khargabilās Press, Bankipur.	Printed by Sa.
280	Ditto ditto (R.)	ditto	Ditto	ditto	ditto ditto	ditto
	The following works are designed for educational purposes.					
281	Rāmāyan Aranya Kānda. The Aranya Kanda or Fourth Book of Tulasidās's Rāmāyan.	ditto	Tulasidās	ditto	Printed and published at Gya.	Printed by Bāges Tribe
282	Rāmāyan Sundara Kānda. The Sundara Kanda or Fifth Book of Tulasidās's Rāmāyan.	ditto	ditto	ditto	ditto ditto	ditto
	SCIENCE (MATHEMATICAL)					
	The following work is designed for educational purposes.					
283	Ganit Battini. Thirty-two rules of Calculation, Part II.	ditto	Saheb Prasad Sinha.	Science (Mathematical).	Printed and published at Bankipur.	Printed by Bhatta Sinha

Quarter ending 31st March 1884—continued.

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Date of issue from the press, or place of publication.	Number of sheets, leaves, or pages.	Size.	First, second, or other edition.	Number of copies of which the edition consists.	Printed or lithographed.	Price at which the book is sold to the public.	Name and residence of proprietor of copyright, or any portion of it.	REMARKS.	Number.
BENGALI BOOKS.						Rs. A. P.			
1884.	Pages.								
Jan. 7th	269	8vo	1st	1,000	Printed	1 0 0	Manwur Ali, Kanchanpur.	A long and rambling story describing how a Musulman Prince named Elmas fell in love with Gule Raihan, a daughter of the Hindu god Indra and passed through various wonderful adventures and at last obtained her after defeating her father in a fight.	235
" 16th	70	8vo	2nd	1,300	ditto	0 1 3	Biswambhar Laha, 332, Chitpur Road, Calcutta.	Describes the story of a cooly who entered into the private apartments of a Princess by using a chair in which a goblin dwelt, and frightened the king into giving him the hand of his daughter by representing himself as the Angel Azrael.	236
" 20th	107	8vo	1st	1,000	ditto	0 1 6	Mafizuddin Ahmad, 155, Musjidbari Street, Calcutta.	Surut Zamal and a Princess of Persia saw each other in dreams and fell in love. But Surut had to perform certain difficult feats of strength and valour like slaying demons and serpents, and certain intellectual feats in the way of completing unfinished stanzas, before he could obtain the hand of the girl whom he loved.	237
" 10th	148	8vo		1,000	ditto	1 2 0	ditto	Often noticed	238
" 17th	28	8vo		1,000	ditto	0 5 0	ditto	Contains an interpretation of dreams, mentioning the different events which are popularly and superstitiously connected with different dreams.	239
" 26th	20	8vo		1,000	ditto	0 4 0	ditto		240
Feb. 9th	48	8vo	8th	1,000	ditto	0 4 0	Abdul Aziz, Dacca.	The author writes on subjects of a spiritual nature with the view of estranging the mind of man from earthly cares and worldliness in general.	241
Jan. 20th	20	8vo dy.	1st	500	ditto	0 3 0	Alimuddin Fakir, Baghra in Sung.	The writer discusses the question of the trade which is now carried on in Eastern Bengal in the skins of dead cattle. The religious ideas of both Hindus and Musulmans were, until recent times, strongly opposed to this trade, and the writer considers it very improper that the former should engage in this trade and yet refrain from eating beef, and the latter should touch the skins of dead animals before they have been dried and dressed as hides.	242
" 4th	8	8vo	1st	6,000	ditto	.....	Calcutta Christian Tract Book Society, Calcutta.	It is the object of this tract to show that the Old and the New Testament are true and valid religious scriptures, but the Koran is not.	243
1883. Dec. 27th	8	8vo	2nd	5,000	ditto	.....	.....	Contains a brief review of the life and character of Mohammad in which the writer finds traits and features unworthy of a person claiming to be God's one true prophet.	244
1884. Jan. 13th	60	8vo	13th	1,000	ditto	0 11 0	Mafizuddin Ahmad, Calcutta.	Describes what will happen to men after death.	245
1883. Oct. 31st	70	8vo rl.	1st	1,000	ditto	0 4 0	Momtazuddin, Tankhordaha, thana Tangra Khola, zillah Furreedpore.	Contains a Musulmani-Bengali translation of a <i>fatica</i> in Arabic discussing whether or no the <i>namaz</i> which is performed every Friday and is called the <i>Jum'a Namaz</i> can be performed in this country. The conclusion arrived at is that the <i>namaz</i> in question can be performed only in those places where the Mohammadan civil and criminal law is administered.	246

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SANSKRIT						
FICTION.						
227	Kathāsritsāgara. Ocean of the streams of story.	Sanskrit	Jibānanda Bidyāsagar, B.A.	Fiction ...	Printed at 20, Jhāmāpukar Lane, and published at 2, Ramānāth Majumdar's Street, Calcutta.	Printed by Kshetramohan Mukharji, and published by Jibānanda Bidyāsagar.
	<i>The following work is designed for educational purposes.</i>					
228	Kādambari (a name). Part II. (R).	ditto ...	Edited by Girish Chandra Bidyāratna.	ditto ...	Printed and published at 24, Girish Bidyāratna's Lane, Calcutta.	Printed and published by Harish Chandra Kabiratna.
LANGUAGE.						
229	Bāchaspatya. A large Sanskrit Dictionary. Part XXII.	ditto ...	Tārānāth Tarakabāchaspati.	Language	Printed at 28, Jhāmāpukar Lane, and published at 2, Ramānāth Majumdar's Lane, Calcutta.	Printed by Kshetramohan Mukharji, and published by Jibānanda Bidyāsagar, B.A.
230	Ekākshara Koshosnobhedan. A dictionary of Words consisting of one letter each.	ditto ...	Kailāsh Gobinda Datta Gupta.	ditto ...	Printed and published at Sherpur.	Printed by Tamizuddin Ahmad, and published by Kailash Gobinda Datta Gupta.
	<i>The following work is designed for educational purposes.</i>					
231	Sanskrita Pathā. Sanskrit Reader. Part II.	ditto ...	Compiled by Harish Chandra Kabiratna.	ditto ...	Printed and published at 24, Girish Bidyāratna's Lane, Calcutta.	Printed and published by Harish Chandra Kabiratna.
POETRY.						
232	Hemodbāha Kābyam. A Poem describing the marriage of Hem.	ditto ...	Sriswara Bidyālakār.	Poetry ...	Printed at 249, Bowbazar Street, Calcutta, and published at Kākinā.	Printed by I. C. Basu & Co., and published by Brajanāth Munshi.
	<i>The following works are designed for educational purposes.</i>					
233	Sisupālbhadham. The slaying of Sisupāl. Vol. I. (R.)	ditto ...	Edited by Jibānanda Bidyāsagar, B.A.	ditto ...	Printed at 20, Jhāmāpukar Lane, and published at 2, Ramānāth Majumdar's Street, Calcutta.	Printed by Kshetra Mohan Mukharji, and published by Jibānanda Bidyāsagar, B.A.
234	Ditto ditto. Vol. II. (R.)	ditto ...	ditto	ditto ...	ditto ditto	ditto ditto
RELIGION.						
235	Mitāksharā Achārādhyāya. The section of Mitāksharā treating of Achāra or customs, daily religious duties, purificatory rites, &c. (R.)	ditto ...	Vijnaneswar	Religion, H.	Printed and published at the Adhirāj Press, Burdwan.	Printed by Purusottam Deb Chatteraj, and published by the Maharajah of Burdwan.
236	Mahabharatam. Part XII. (R.)	ditto ...	Edited by Pratāp Chandra Rāya.	ditto ...	Printed and published at 367, Chitpur Road, Calcutta.	Printed and published by Pratāp Chandra Rāya.
237	Mahimna Aur Bhujanga-prayāt Stotra. Two hymns. (R.)	ditto ...	Edited by Kālīprasād Tewari.	ditto ...	Printed and published at the Dharmaprakāsh Press, Bankipur.	Printed and published by Kālīprasād Tewari.

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Date of issue from the press, or place of publication.	Number of sheets, leaves, or pages.	Size.	First, second, or other edition.	Number of copies of which the edition consists.	Printed or lithographed.	Price at which the book is sold to the public.	Name and residence of proprietor of copyright, or any portion of it.	REMARKS.	Number.
BOOKS.									
1883.	Pages.					Rs. A. P.			
Dec., 30th	1391	12mo ...	1st ...	1,000	Printed	6 0 0	Jibánanda Bidyá-ságar, Calcutta.	This is Somadeb Bhatta's celebrated work rendered into Sanskrit prose.	227
" 27th	199	8vo ...	1st ...	500	ditto ...	2 0 0	Girish Chandra Bidyáratna, 24, Girish Bidyáratna's Lane, Calcutta.	The second part of <i>Kádambari</i> being appointed a text-book in Sanskrit for the B. A. Degree Examinations of the Calcutta University, the editor has brought out this edition, because all extant editions of it contain more or less errors.	228
1884.									
Jan., 10th	403	4to ...	1st ...	1,050	ditto ...	6 0 0	Jibánanda Bidyá-ságar, B.A., Calcutta.	The dictionary is completed in this volume.	229
" 20th	10	16mo dy.	1st ...	1,000	ditto ...	0 1 6	Kailásh Gobinda Datta Gupta, Vikrampur, Dacca.	Contains a dictionary of only those Sanskrit words which consist of one letter each, and a list of words illustrating the use of the <i>Usma</i> letters, i.e., the three Sha's.	230
" 10th	75	12mo ...	1st ...	500	ditto ..	0 8 0	Harish Chandra Kabiratna, 24, Girish Bidyáratna's Lane, Calcutta.	Designed for use in Higher Class English Schools. The Reader consists of prose and poetical selections in Sanskrit.	231
1883.									
Dec., 25th	61	8vo ..	1st ...	1,000	ditto ...	Nil.	Mahimáranjan Ráya Chaudhuri, Kákiná.	A poem in four books describing the marriage ceremony of the daughter of the Kakina Zemindar, named Hemlatá.	232
1884.									
Jan., 10th	559	12mo ...	3rd ...	1,000	ditto ...	2 0 0	Jibánanda Bidyá-ságar, B.A., Calcutta.	This is Mágna's celebrated poem with the commentary of Mallináth.	233
" 15th	526	12mo ...	3rd ...	1,000	ditto ...	2 0 0	ditto ...	.....	234
Mag., 15th 1290.	168	8vo rl...	1st ...	1,000	ditto ...	Nil.	The Maharajah of Burdwan.	The subjects treated of under the head of <i>Achára</i> are the duties of the first period of life, the ceremony of marriage, the duties of householders, purification, daily <i>Sradhs</i> , &c.	235
1883.									
Dec., 16th	112	8vo ...	1st ..	3,000	ditto ..	.....	Pratáp Chandra Ráya, 367, Chitpur Road, Calcutta.	Goes on with the <i>Bana Parba</i> .	236
1884.									
Jan., 6th	12	12mo ...	1st ...	1,000	ditto ...	0 1 0	Two well known hymns to Mahadeb.	237

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SANSKRIT						
RELIGION—concluded.						
238	Bibliotheca Indica. New Series, No. 490. The Vāyu Purāna. Vol. II. Fasc. IV. (R.)	Sanskrit	Edited by Rājendralāl Mitra.	Religion, II.	Printed at the Baptist Mission Press, and published at the Asiatic Society, Calcutta.	Printed by Rev. J. W. Thomas, and published by the Asiatic Society.
239	Bibliotheca Indica. New Series, No. 498. The Sranta Sutra of Apastamba. Vol. II. Fasc. VII. (R.)	ditto	Edited by Richard Garbe.	ditto	ditto ditto	ditto ditto
URDU						
BIOGRAPHY.						
113	Seir-e Nubabee. The Life of the Prophet.	Urdu	Munshi Hassan Ali.	Biography	Lithographed and published at the Kaisari Press, Patna City.	Lithographed and published by Khajeh Mohammad Khaliluddin.
LANGUAGE.						
<i>The following works are designed for educational purposes.</i>						
114	Taraqqi Daulat-e Il-mi. Improvement of knowledge.	ditto	Hakim Syud Ahmud Hossein.	Language	ditto ditto	Lithographed by Khajeh Mohammad Khaliluddin, and published by Hakim Syud Ahmud Hossein.
115	Dustur-ul Amul. Of Duty (T).	ditto	Translated by Hafiz Syud Ali Sher.	ditto	ditto ditto	Lithographed by Khajeh Mohammad Khaliluddin, and published by Hafiz Syud Ali.
RELIGION.						
116	Nur-ul Ubsār. The Light of the Eye.	ditto	Abul-naeem Abdul Aziz.	Religion, M.	Lithographed and published at 6, Ramprasad Saha's Lane, Calcutta.	Lithographed and published by Mohammad Wuzer.
LANGUAGE.						
<i>The following works are designed for educational purposes.</i>						
200	Bālyasikshā. Infant Instructor.	Uriya	Kālipada Banerji.	Language	Printed and published at the Orissa Patriot Press, Cuttack.	Printed and published by Madan Mohan Nayak.
201	Prabandhamālār Byā-khyā. A Key to Prabandhamālā.	ditto	Bhubaneswar Datta.	ditto	ditto ditto	ditto ditto
202	Utkala Rachanā Pranālī. Uriya Composition. Part I.	ditto	Rādhānāth Rāya.	ditto	Printed and published at the Balasore De's Press.	Printed by Kāliprasād Dās, and published by Kumār Baikuntha Nāth De.
203	Sikshā-manjari. Blossom of Instruction. Part I.	ditto	Balarām Dās.	ditto	Printed and published at Cuttack.	Printed and published by the Cuttack Printing Co.
MISCELLANEOUS.						
204	Nutan Panjikā. New Almanac for 1884-85.	ditto	Sadāshib Khariratna.	Miscellaneous.	ditto ditto	ditto ditto
<i>The following work is designed for educational purposes.</i>						
205	Jamīdārī Siristā. The Zemindari Office.	ditto	Kumār Baikuntha Nāth De.	ditto	Printed and published at the Balasore De's Press.	Printed by Kāliprasād Dās, and published by Kumār Baikuntha Nāth De.

Quarter ending 31st March 1884—continued.

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BOOKS—concluded.						Rs. A. P.			
1883.	Pages.								
Dec., 22nd	96	8vo	... 1st ...	500	Printed	Asiatic Society, 57, Park Street, Calcutta.	238
„ 15th	96	8vo	... 1st ...	500	ditto...	ditto	239
BOOKS.									
1884.									
Jan., 5th	104	8vo.	... 1st ...	500	Litho-graphed.	1 0 0	Munshi Hasan Ali, Patna City.	This is a brief memoir of Mo-hammad based chiefly upon Muir's work.	113
„ 18th	16	4to.	... 1st ...	1,000	ditto	0 2 0	Hakim Syud Ahmud Hos-sein, Patna City.	An Urdu Primer.	114
„ 6th	58	8vo.	... 1st ...	500	ditto	0 8 0	Hafiz Syud Ali, Patna.	Contains translations of certain passages from Mr. Smiles' work on <i>Duty</i> .	115
„ 10th	16	8vo.	... 1st ...	500	ditto	0 1 6	Abul-naeem Ab-dul Aziz.	Discusses questions relating to the <i>Namaz</i> , &c.	116
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